

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL ☒
WELL ☒

GAS ☐
WELL ☐

OTHER

SINGLE ☒
ZONE ☒

MULTIPLE ☐
ZONE ☐

2. NAME OF OPERATOR

PENNZOIL COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 290 Neola, Utah 84053

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2144' FNL & 1820' FWL

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

About 6.5 miles Southwest of Neola, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

497'

1820'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2711'

19. PROPOSED DEPTH

16,500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6129' GL (UNGRADED)

22. APPROX. DATE WORK WILL START*

5-12-87

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	45.5	4,500'	5000 ft3
9 7/8"	7 5/8"	29.7	12,000'	1900 ft3
6 3/4"	5 1/2"	20.0	11,800'/16,500'	300 ft3

- Enclosed attachments:
 - Certified Location Plat.
 - Drilling Plan.
 - BOP Schematic.
 - Map showing roadway to wellsite.
 - Schematic showing...rig layout on wellsite.
...wellsite cross-sections.

2. Water hauling permit # t-87-43-1 is on file with the State of Utah.

3. An AFE has been prepared and a copy has been sent to joint interest holders for their approval.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Office (801) 353-4397 Home (801) 781-0620

SIGNED

Wilburn L. Luna
Wilburn L. Luna

TITLE Drilling Superintendent DATE 5-12-87

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

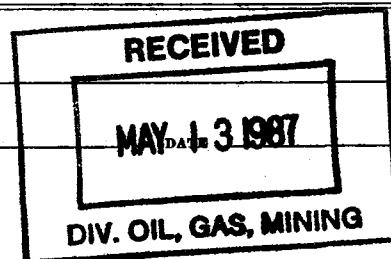
CONDITIONS OF APPROVAL, IF ANY:

DATE 5-20-87

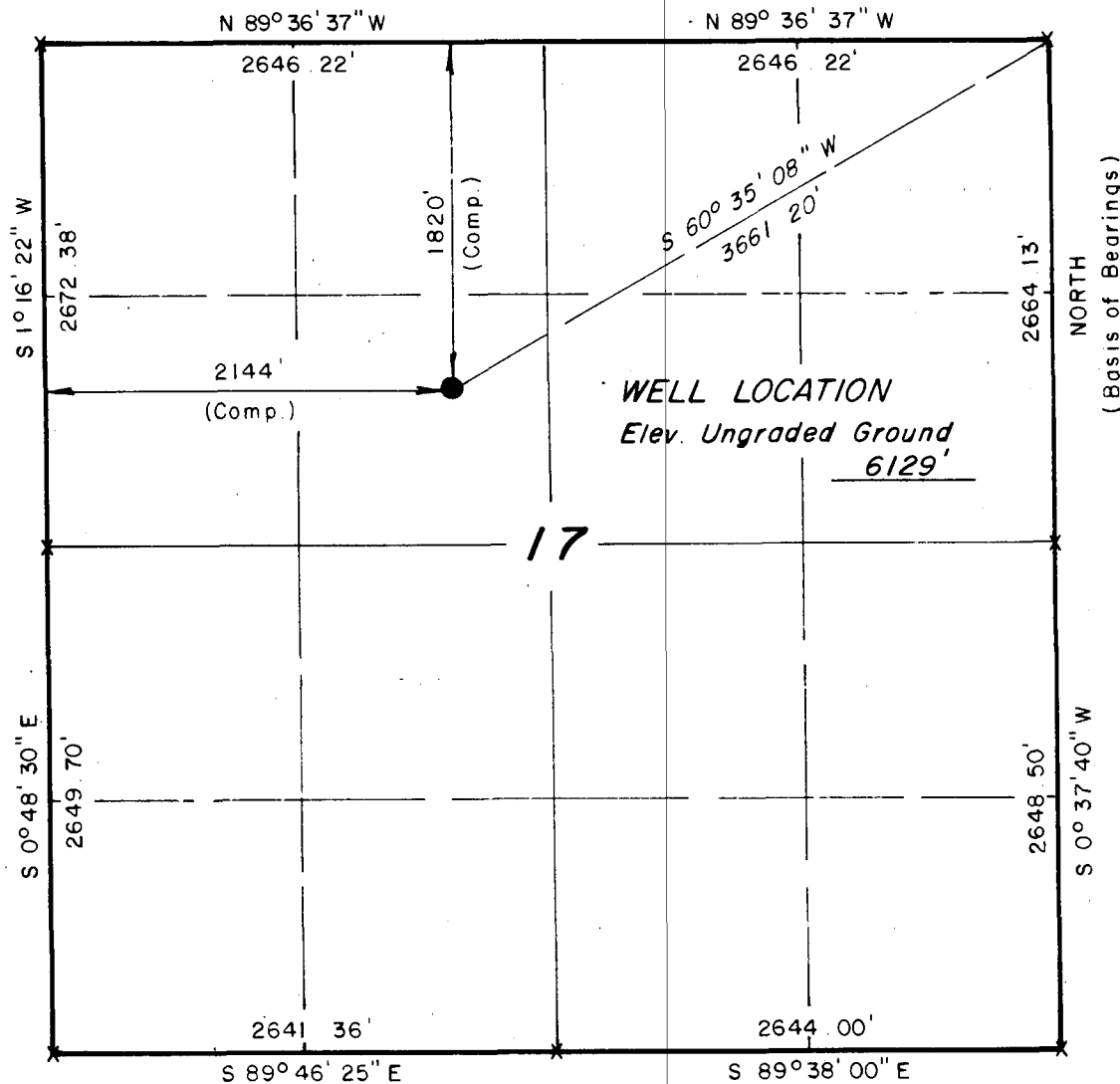
BY: *John R. Bay*

WELL SPACING: 139-42

*See Instructions On Reverse Side



T 1 S, R 2 W, U.S.B. & M.



X = Section Corner Located

PROJECT
PENNZOIL COMPANY

Well location, located as shown
in the SE 1/4 NW 1/4 Section 17, T1S,
R 2 W, U.S.B. & M. Duchesne County,
Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SE CORNER SECTION 17, T1S,
R1W, U.S.B. & M. TAKEN FROM THE NEOLA NW QUAD.
UTAH, DUCHESNE COUNTY, (TOPOGRAPHIC MAP)
PUBLISHED BY THE UNITED STATES DEPARTMENT
OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 5906 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

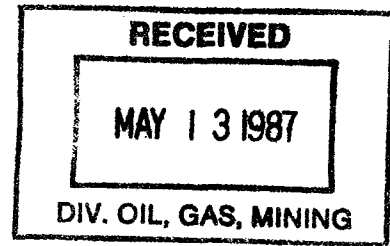
[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5 / 10 / 87
PARTY R K. LDT BFW	REFERENCES GLO
WEATHER Fair	FILE PENNZOIL

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397



May 12, 1987

State of Utah, Dept of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: APD for:
Lamicq-Urruty No. 4-17A2
1820'FNL, 2144'FWL
SENW Section 17, T1S, R2W
Duchesne County, Utah

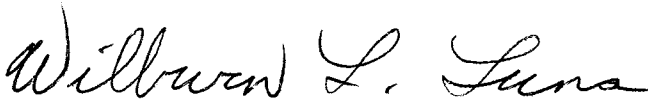
Gentlemen:

Three (3) original copies of captioned APD with attachments are enclosed for your review and I trust your approval. Pennzoil Company requests that this APD and all related information submitted on this well be held confidential for that period of time as permitted by regulations and law.

Should there be any question, please contact the undersigned.

Sincerely,

Pennzoil Company

A handwritten signature in cursive script that reads "Wilburn L. Luna".

Wilburn L. Luna
Drilling Superintendent

Enclosures

DRILLING PLAN

PAGE 1 of 4

OPERATOR:.....PENNZOIL COMPANY
 WELL:.....Lamicq-Urruty No.4-17/A2
 WELL LOCATION:..2144' FNL, 1820' FWL
 SENE Section 17, T1S, R2W
 Duchesne County, Utah

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

Duchesne River	at surface (surface formation)
Green River	6,801'
MB	8,931'
H	10,154'
I	10,557'
K	10,854'
CP 90	11,311'
Red Wedge Top	11,422'
TAP Hi	12,554'
CP 210	13,884'
CP 232	143914'
Total Depth	16,500'

2. ESTIMATED OIL & WATER DEPTHS:

Water:.....None anticipated
 Top Green River production....oil @ 7,121'
 Top Wasatch production.....oil @ 12,734'

3. PROPOSED CASING PROGRAM:

- A. 16" or 18" conductor to be set and cemented at a proposed depth of 60'.
- B. 10 3/4", 45.5#, K-55, ST&C to be set and cemented at a proposed depth of 4,500'.

Cement: Low density filler cement to surface. Tail-in with 250 sks Cl "G" tailored for depth and temperature.

- C. 7 5/8", 29.7#, S-95/N-80, LT&C/BUTT to be set and cemented at a proposed depth of 12,000' in the transition zone.

Cement: Low density filler cement to surface. Tail in with Cl "G" tailored to depth and temperature.

- D. 5 1/2", 20#, P-110, integral jt, liner to be set and cemented (proposed) from 11,800' to 16,500'.

Cement: Cl "G" tailored to depth & temperature.

4, OPERATOR'S PRESSURE CONTROL PLAN;

Figure No. 1 is a schematic of minimum BOP equipment.

The BOP equipment will be nipped up on the surface casing and pressure tested prior to drilling out:

- A. All rams and choke manifold will be tested to 70% of burst of the surface casing string or 3500 psi (70% of 5,000 psi BOP stack).
- B. Bag preventor will be tested to 70% of burst of surface casing or 2500 psi (50% of 5000 psi Bag Preventor) whichever is the lessor.

Record all BOP tests on tour reports.

Retest BOP stack every 28 days.

Before drilling out test casing strings to 0.2 psi per foot of depth or 1,000 psi whichever is the greatest.

Fill-up line above the Bag Type Preventor.

Kill line located below the BOP rams.

Operational Checks:

Pipe rams will be closed and opened once each 24 hours.

Blind rams will be closed and opened each time the drill string is pulled from the wellbore.

Auxiliary well control and monitoring equipment:

- A. Upper and lower kelly cocks will be utilized.
- B. A full-opening drill pipe stabbing valve with proper drill pipe fittings will be utilized when the kelly is not on the string.
- C. PVT equipment will be used to monitor the mud system from the top of the transition zone to Total Depth.

5. PROPOSED DRILLING FLUID PROGRAM:

A. Surface hole: Drill this interval of the wellbore with clear fresh water. Drill solids will be flocculated to keep the water as clean as possible. Lime & bentonite will be used as needed.

Should a water flow be encountered, it will be killed and drilling will continue.

B. Intermediate hole: Start drilling this interval with fresh water from the surface hole. Use viscous sweeps to keep the wellbore clean and a flocculant to keep the water clean.

When wellbore conditions dictate (tight hole, bridging & etc.) mud up with a low solids, non-dispersed drilling fluid.

Final fluid properties: 10.5/12.5#, 35/45 Vis, 10/12 WL.

C. For the 6 3/4" wellbore a weighted, deflocculated mud system will be used. the viscosity and mud weight will be maintained at low but safe levels. The yield point will be high enough to support barite as needed for the required fluid weight.

Final fluid properties: 12.5/14.5#, 40/50 Vis, 10/15 WL and a YP of 10/20.

6. WELLBORE EVALUATION:

a. DRILL STEM TESTING:.....None planned.

B. CORING:.....None planned.

C. LOGGING: Surface Hole:.....None.

Intermediate Hole:.....DLL-GR
FDC-CNL
BHC-SONIC

Productive interval:....DIL-GR
FDC-CNL
BHC-SONIC

D. COMPLETION: The objective formation is the Wasatch. Selected zones will be perforated and evaluated for stimulation work.

7. PRESSURES & TEMPERATURES:

A. PRESSURE:

At the intermediate casing seat the mud weight will probably be 12.5# and the formation pressure 6000psi.

B. TEMPERATURE:

Temperatures are normal for this area and well depth, 230 degrees at 13,500'.

8. ANTICIPATED STARTING DATE:

Construction of road and location will probably start within five (5) days of permit approval.

9. This well will be drilled per regulations as set forth by the:

State of Utah Natural Resource
Oil, Gas & Mining Division

BOP SCHEMATIC

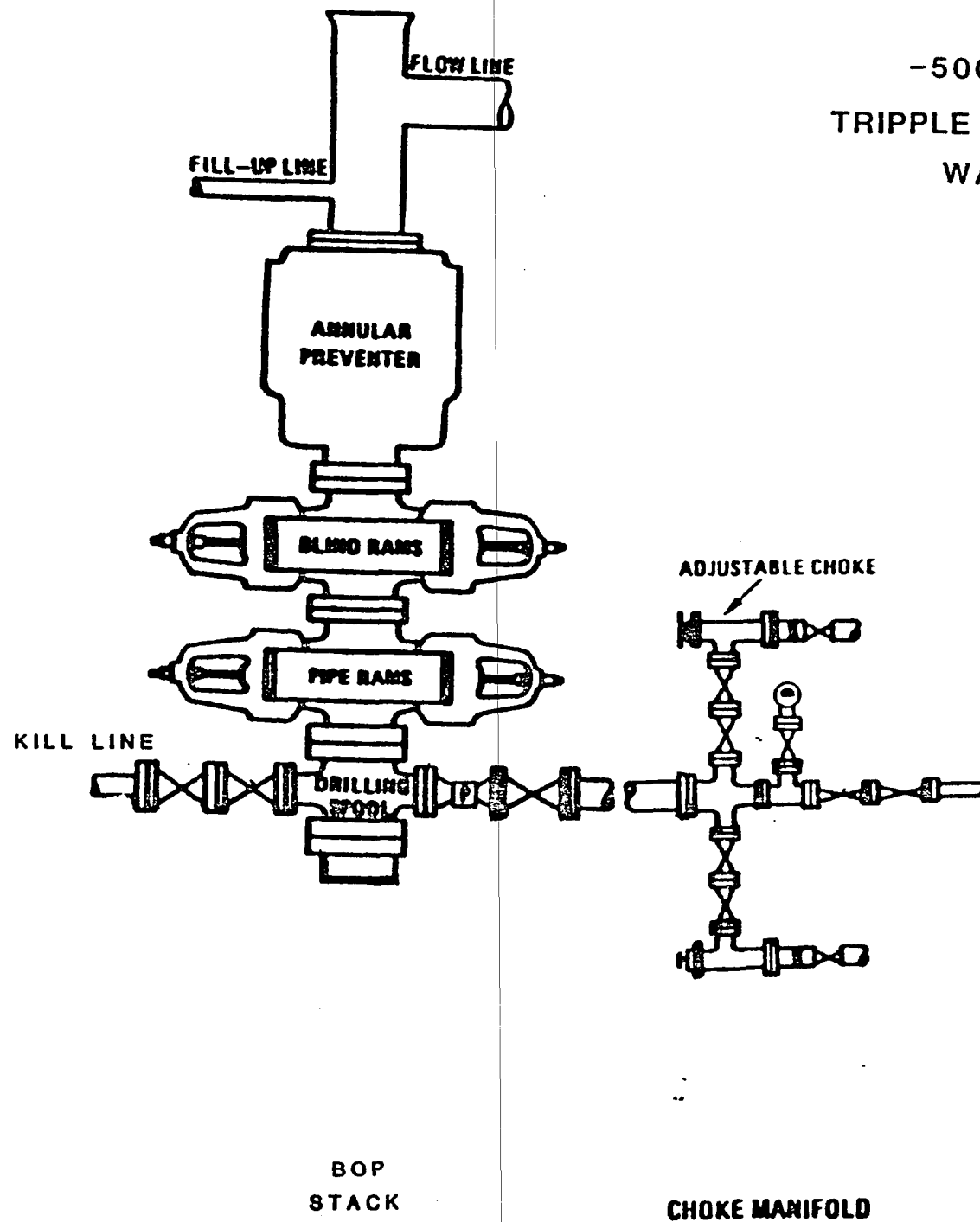
-5000 PSI - WORKING PRESSURE

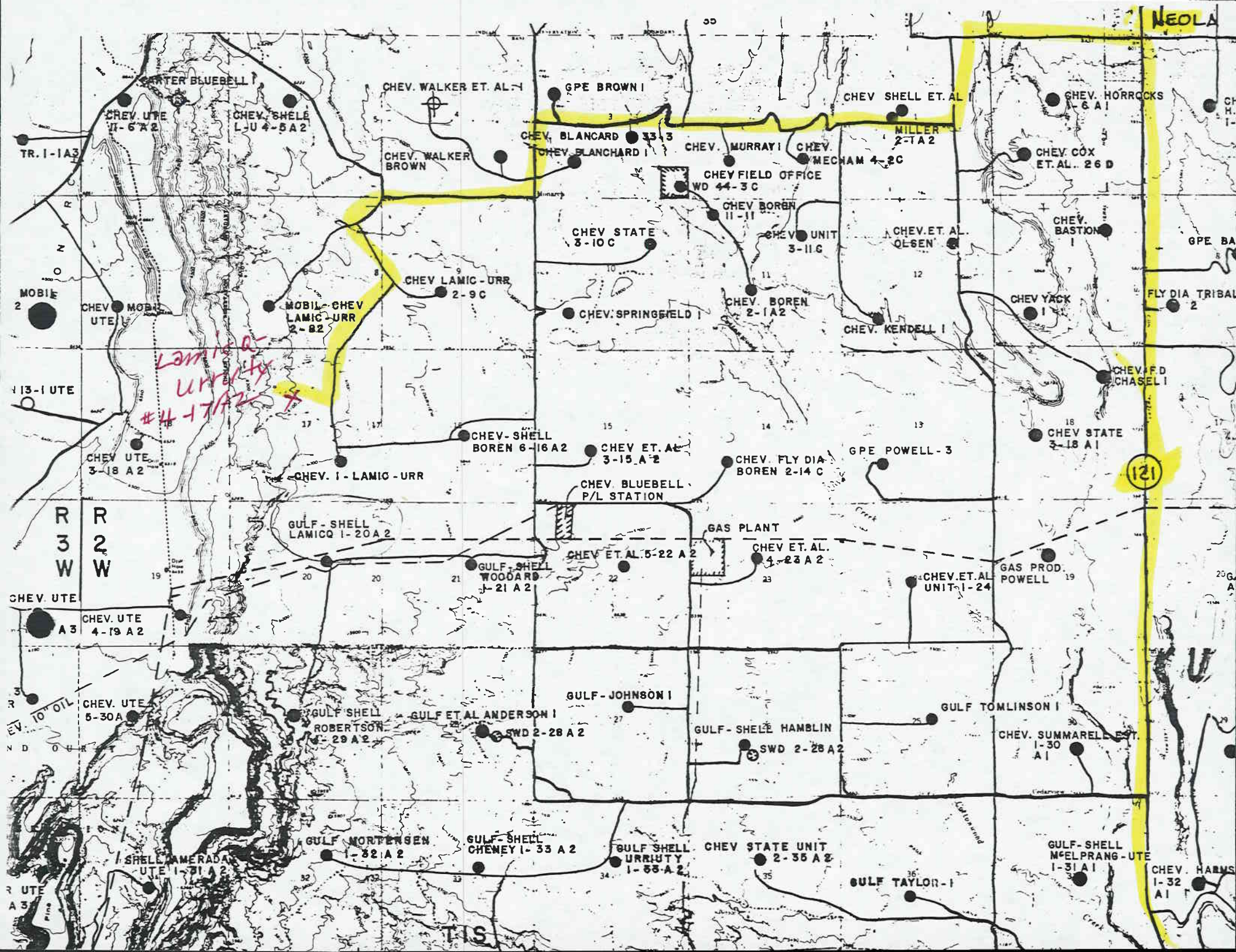
TRIPPLE GATE - BAG TYPE - BOP STACK

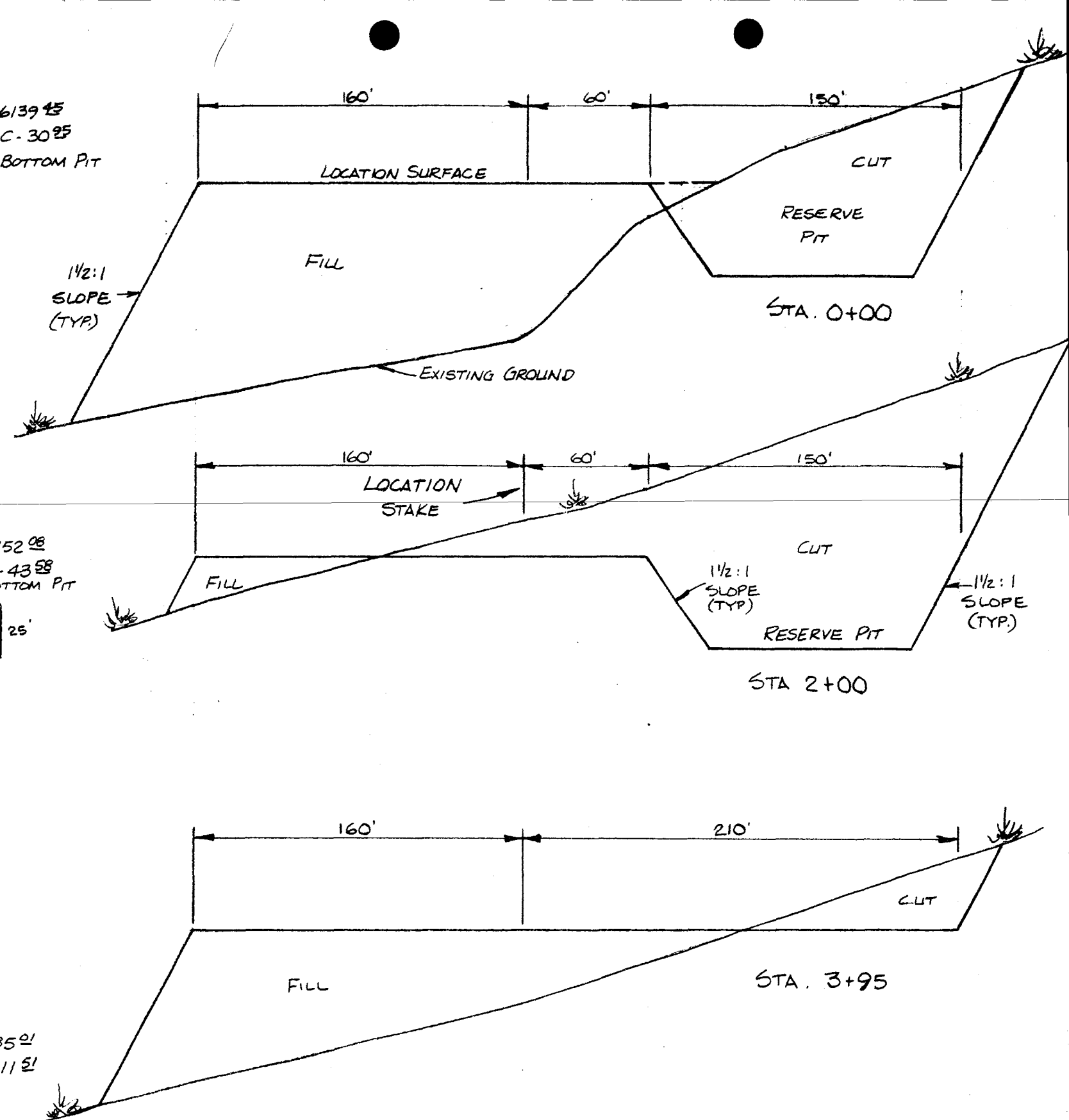
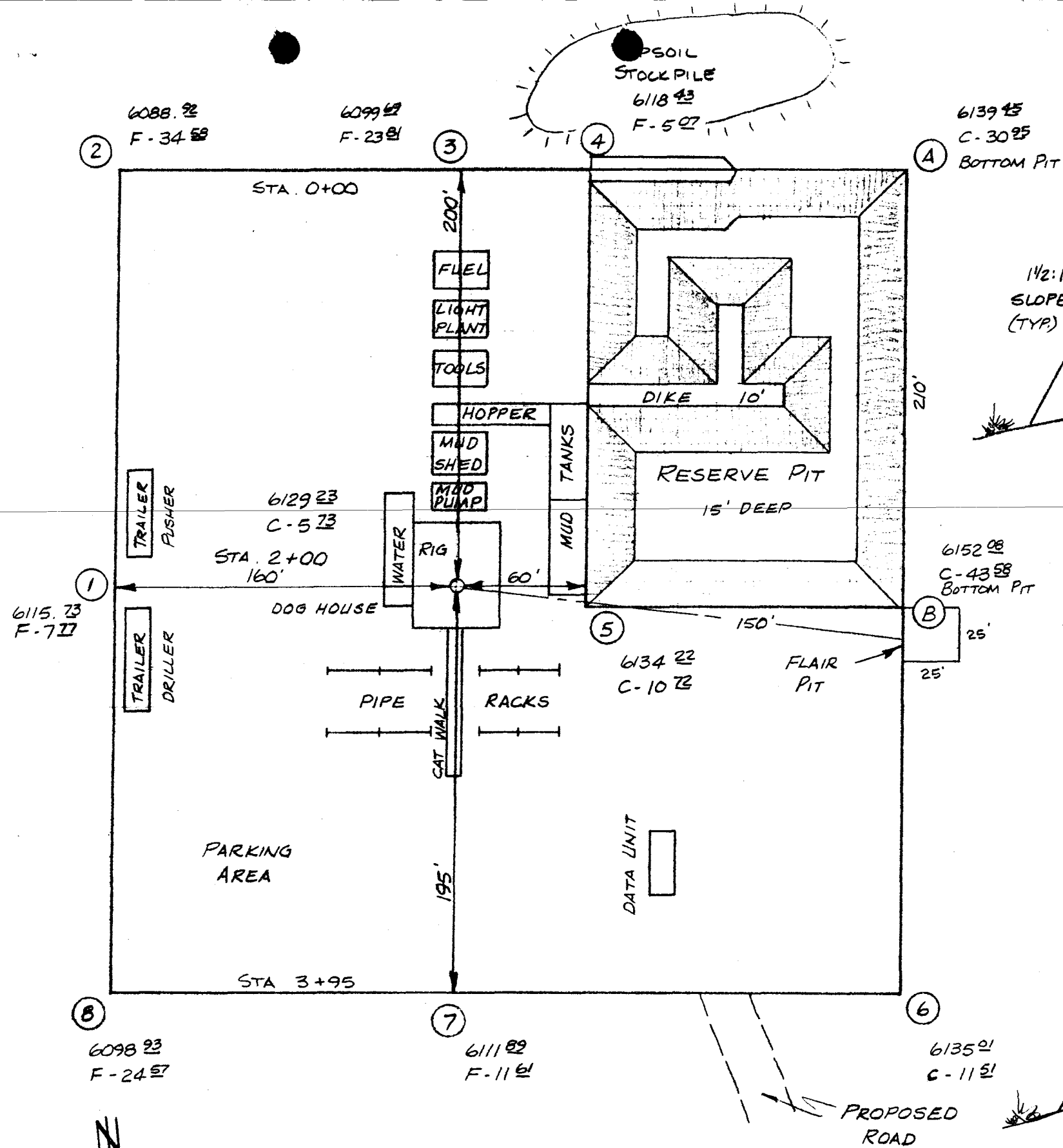
W/ HYDAULIC CHOKE MANIFOLD

for:

Lamicq-Urruty No. 4-17A2







SCALES
 1" = 60' HORIZ.
 1" = 20' VERT
 DATE
 5-10-87

PENNZOIL COMPANY
 PROPOSED WELL
 LOCATED IN
 SE 1/4 NW 1/4 SECTION 17, T1S, R1W,
 U.S.B. & M. DUCHESNE CO., UT.

APPROX. YARDAGES
 CU. YDS. CUT 56,201
 CU. YDS. FILL 46,450

DRILLING LOCATION ASSESSMENT
State of Utah
Division of Oil, Gas & Mining

OPERATOR: PENNZOIL WELL NAME: LAMICQ-URRITY 4-17A2
QTR/QTR: SENW SECTION: 17 TWP: 1S RANGE: 2W
COUNTY: DUCHESNE FIELD: BLUEBELL 2144' F N L 1820' F W L
SFC OWNER: AMERICAN WEST LEASE #: FEE
SPACING: F SECTION LINE F QTR/QTR LINE F ANOTHER WELL
INSPECTOR: WILLIAM MOORE DATE & TIME: 5-18-87 / 12:00 noon
PARTICIPANTS: WILLIAM MOORE AND GLENN GOODWIN, DOGM; WILBURN LUNA, PENNZIOL DRILLING
SUPERINTENDANT

REGIONAL SETTING/TOPOGRAPHY: SOUTH FLANK OF THE UINTA MTN. RISE OF THE UINTA BASIN OF THE
COLORADO PLATEAU. SOUTHWARD SLOPING MESAS CUT BY N-S DRAINAGES

LAND USE

CURRENT SURFACE USE: OPEN GRAZING LAND

PROPOSED SURFACE DISTURBANCE: 395' x 370' PAD ON ABOUT 62,000 CYD CUT AND 40,000 CYD FILL
ACCESS ROAD WILL BE ABOUT 1/4 MILE LONG WITH 4 CULVERTS.

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: CEDAR, PINION PINE, GREASEWOOD, SAGEBRUSH, DEER AND ELK

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: SHALLOW DESERT SOILS IN FORMATION LITHOLOGY.

SURFACE FORMATION & CHARACTERISTICS: DUCHESNE RIVER FORMATION WITH A LITHOLOGY OF
COBBLY-SILTY-SANDS.

EROSION/SEDIMENTATION/STABILITY: NO PROBLEMS

SUBSURFACE GEOLOGY

OBJECTIVE(S)/DEPTH(S): GREEN RIVER AND WASATCH FM'S. BEGINNING AT 7121'

ABNORMAL PRESSURES - HIGH AND LOW: NONE ANTICIPATED

CULTURAL RESOURCES/ARCHAEOLOGY: PRIVATE

WATER RESOURCES: GROUNDWATER GREATER THAN 10' DEEP; A DRY STORM DRAINAGE RUNS E-W ALONG NORTH SIDE OF LOCATION THROUGH WHICH THE ROAD CROSSES 3 TIMES. CULVERTS WILL BE USED NO APPARENT WATER WELLS WITHIN 1/4 MILE.

RESERVE PIT

CHARACTERISTICS: 210' x 150' x 15' TO BE BUILT IN DUCHESNE RIVER FORMATION CUT IN TO BANK SMALL SECTION OF FILL ON SE EDGE OF PIT

LINING: WILL BE REQUIRED DUE TO SANDY SOILS; PIT MUST BE SMOOTHED OF COBBLES IF PLASTIC LINER WILL BE USED.

MUD PROGRAM: _____

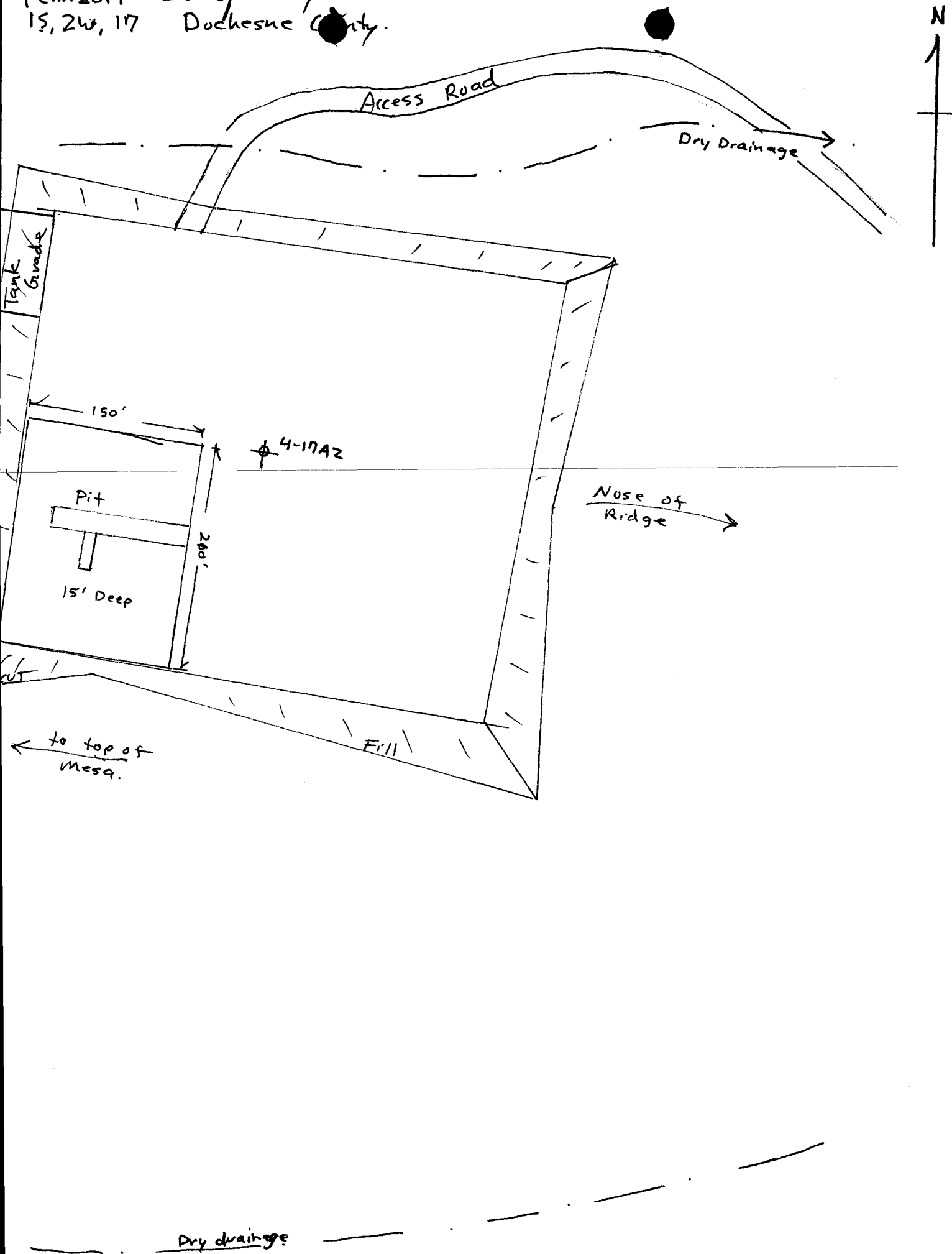
DRILLING WATER SUPPLY: PERMIT #T-87-43-1

OTHER OBSERVATIONS:

STIPULATIONS FOR APD APPROVAL: LINE PIT WITH MINIMUM 3#/sf COMMERCIAL BENTONITE OR A 10-12 mil PLASTIC TEAR RESISTANT LINER. NOTIFICATION WITHIN 48 HRS BEFORE PIT WILL BE FILLED WITH FLUIDS TO PERMIT LINER INSPECTION.

ATTACHMENTS

Pennzoil Lamieg-Urruty 4-17A2
15, 24, 17 Duchesne County.



~~CONFIDENTIAL~~

060201

OPERATOR Pennzoil Company DATE 5-13-87
WELL NAME Lamco - Liberty #4-17A2
SEC ^{SE NW} 17 T 9S R 2W COUNTY Duchesne

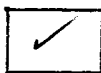
43-013-31190

API NUMBER

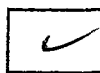
Fee

TYPE OF LEASE

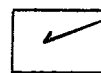
CHECK OFF:



PLAT



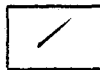
BOND



NEAREST
WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

OK - Cause 139-42

Water permit t 87-43-1

CONFIDENTIAL
PERIOD
EXPIRED

ON 7-29-89

APPROVAL LETTER:

SPACING: ☐ 203 _____ UNIT

☐ 302



139-42 4/17/85
CAUSE NO. & DATE



302.1

STIPULATIONS:

1. The reserve pit shall be lined with dry commercial bentonite at a minimum concentration of 3 lb. per sq. ft. or with a 10-12 mil tear resistant plastic liner.

2. Operator shall notify the Division after pit construction and prior to placing fluids in pit to allow inspection

✓ 3. The location shall be diked or trenched and culverts installed to prevent influent to or effluent from the location.

0218T



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 20, 1987

Pennzoil Company
P. O. Box 290
Neola, Utah 84053

Gentlemen:

Re: Lamicq-Urruty #4-17A2 - SE NW Sec. 17, T. 1S, R. 2W
2144' FNL, 1820' FWL - Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985, subject to the following stipulations:

1. The reserve pit shall be lined with dry commercial bentonite at a minimum concentration of 3 lb. per sq. ft. or with a 10-12 mil tear resistant plastic liner.
2. Operator shall notify the Division after pit construction and prior to placing fluids in pit to allow inspection.
3. The location shall be diked or trenched and culverts installed to prevent influent to or effluent from the location.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. All well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of the time that a new well is spudded or a change in operations or interests necessitates a change in Entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

Page 2
Pennzoil Company
Lamicq-Urruty #4-17A2
May 20, 1987

4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31190.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

060403

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-013-31190

NAME OF COMPANY: PENNZOIL

WELL NAME: LAMIQ-URRUTY 4-17A2

SECTION SE NW 17 TOWNSHIP 1S RANGE 2W COUNTY Duchesne

DRILLING CONTRACTOR Bill Jr.

RIG #

SPODDED: DATE 6-2-87

TIME 12:00 Noon

How Rat Hole

DRILLING WILL COMMENCE Loffland - Rig #20 - 6/12/87

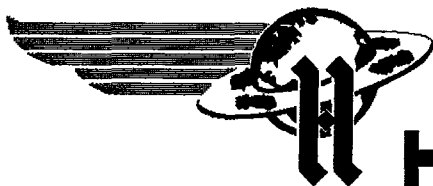
REPORTED BY Paul Beaton

TELEPHONE # 353-4397

DATE 6-3-87 SIGNED Wm. Moore

RECEIVED
JUL 16 1987

DIVISION OF
OIL, GAS & MINING



**HALLIBURTON
SERVICES**

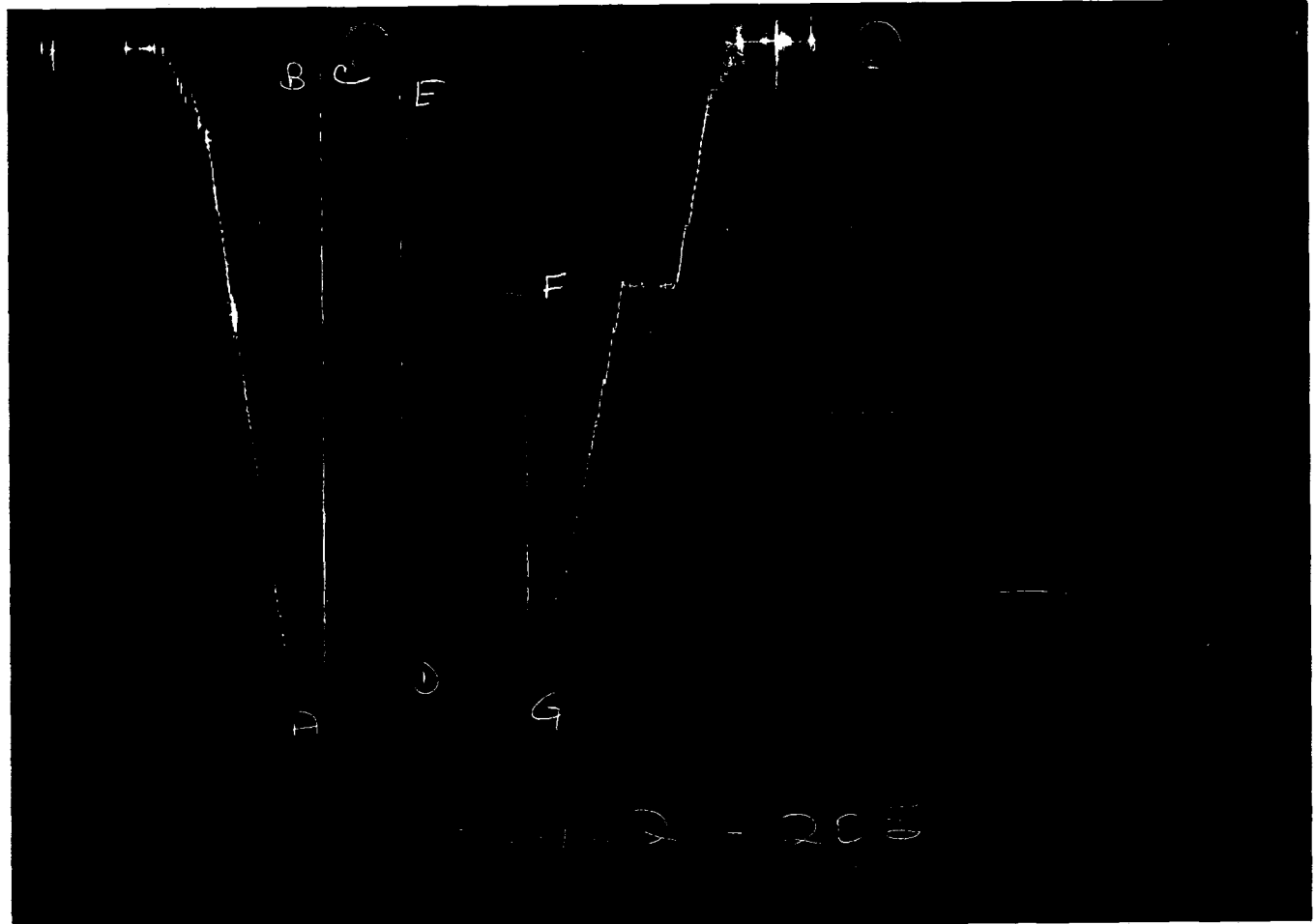
TICKET NO. 50892200

13-JUL-87

VERNAL

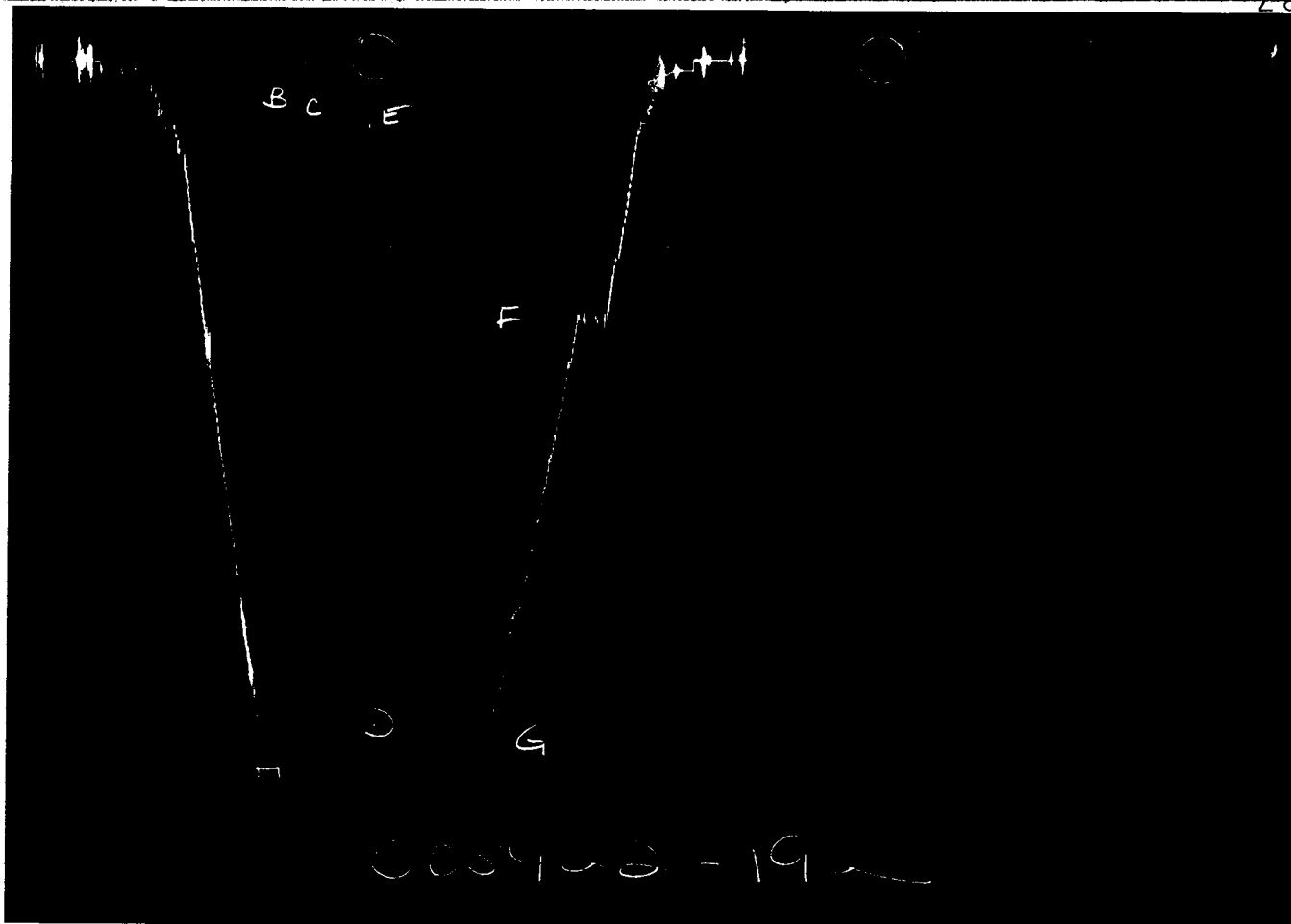
FORMATION TESTING SERVICE REPORT

LEASE NAME		4-17 AT 2		TEST NO. 2		7408.3 - 7554.0		PENNZOIL COMPANY	
LEGAL LOCATION		WELL NO.		TESTED INTERVAL		LEASE OWNER/COMPANY NAME			
SEC. - TWP. - RANG.		17 - 15 - 2 W		FIELD AREA		COUNTY		STATE	
				BLUE BELL		DUCHESS		UTAH	
								PF	



GAUGE NO: 205 DEPTH: 7385.0 BLANKED OFF: NQ HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3474	3457.2			
B	INITIAL FIRST FLOW	151	142.8	3.0	2.7	F
C	FINAL FIRST FLOW	164	190.3			
C	INITIAL FIRST CLOSED-IN	164	190.3	90.0	88.2	C
D	FINAL FIRST CLOSED-IN	3390	3393.1			
E	INITIAL SECOND FLOW	274	259.8	141.0	143.1	F
F	FINAL SECOND FLOW	1371	1356.8			
G	FINAL HYDROSTATIC	3446	3417.8			



GAUGE NO: 192 DEPTH: 7551.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3551	3547.4			
B	INITIAL FIRST FLOW	217	228.7	3.0	2.7	F
C	FINAL FIRST FLOW	272	262.9			
C	INITIAL FIRST CLOSED-IN	272	262.9	90.0	88.2	C
D	FINAL FIRST CLOSED-IN	3482	3480.3			
E	INITIAL SECOND FLOW	340	345.6	141.0	143.1	F
F	FINAL SECOND FLOW	1446	1441.0			
G	FINAL HYDROSTATIC	3537	3509.3			

EQUIPMENT & HOLE DATA

FORMATION TESTED: UPPER GREEN RIVER

NET PAY (ft): _____

GROSS TESTED FOOTAGE: 145.7ALL DEPTHS MEASURED FROM: KB

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 9.875ELEVATION (ft): 6153.0TOTAL DEPTH (ft): 7554.0PACKER DEPTH(S) (ft): 7400, 7408FINAL SURFACE CHOKE (in): 0.12500BOTTOM HOLE CHOKE (in): 0.750MUD WEIGHT (lb/gal): 9.00MUD VISCOSITY (sec): 43ESTIMATED HOLE TEMP. (°F): 130ACTUAL HOLE TEMP. (°F): 124 @ 7550.0 ftTICKET NUMBER: 50892200DATE: 7-7-87 TEST NO: 2TYPE DST: OPEN HOLE

HALLIBURTON CAMP:

VERNALTESTER: DANNY CARTER

WITNESS: _____

DRILLING CONTRACTOR:

LOFFLAND BROTHERS DRILLINGFLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>MUD PIT</u>	<u>2.500 @ 86 °F</u>	<u>3000 ppm</u>
<u>TOP RECOVERY</u>	<u>2.000 @ 85 °F</u>	<u>4200 ppm</u>
<u>MIDDLE RECOVERY</u>	<u>1.500 @ 90 °F</u>	<u>4300 ppm</u>
<u>SAMPLER</u>	<u>1.700 @ 82 °F</u>	<u>4900 ppm</u>
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm

SAMPLER DATA

P_{sig} AT SURFACE: 80.0cu.ft. OF GAS: 0.200cc OF OIL: TRACE

cc OF WATER: _____

cc OF MUD: 1650.0TOTAL LIQUID cc: 1650.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F

GAS/OIL RATIO (cu.ft. per bbl): _____

GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

4830 FEET OF MUD (TOP OF FLUID)

MEASURED FROM
TESTER VALVE

REMARKS:

FLUID LEVEL DROPPED SLOWLY DURING BOTH FLOW PERIODS - NO FINAL CIP

CHARTS INDICATE POSSIBLE COMMUNICATION OF HYDROSTATIC PRESSURE AROUND THE PACKER SEAT DURING THE CLOSED-IN PERIOD AND FINAL FLOW PERIOD. READINGS FOR THESE PERIODS MAY BE QUESTIONABLE.

TYPE & SIZE MEASURING DEVICE: _____					TICKET NO: 50892200
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
7-7-87					
0500					ON LOCATION
0612					STARTED CLOCKS
0645					PICKED-UP TOOLS
0830					RUN IN HOLE
1120					TAGGED BOTTOM AND SET WEIGHT
					DN PACKER.
1124	1/8"				OPENED TOOL - 1" BLOW
1127	"				CLOSED TOOL - 8" BLOW
1130	"				8" BLOW
1140	"				6.5" BLOW
1150	"				5" BLOW
1200	"				3.5" BLOW
1210	"				2.5" BLOW
1220	"				1.5" BLOW
1230	"				.5" BLOW
1240					SLIGHT BLOW
1257	"				REOPENED TOOL - LOSING MUD 5'/MIN.
					3" BLOW
1302	"				8" BLOW
1306	"	7 OZ.			
1310	"	11 OZ.			
1318	"	1.75#			
1328	"	2#			10'/MINUTE
1332	"	3#			LEVELED OUT
1340	"	3#			LOST MUD - SLOWING DOWN
1354	"	3#			2'/MINUTE
1410	"	2.75#			
1418	"	2.50#			
1430	"	2#			1/2'/MINUTE - LOST MUD
1448	"	1.75#			
1458	"	1.50#			
1502	"	1#			
1508	"	14 OZ.			
1514	"	13 OZ.			
1519					CLOSED TOOL
1521					OPENED BYPASS AND PULLED OUT OF

TICKET NO: 50892200

CLOCK NO: 2786 HOUR: 24



GAUGE NO: 205

DEPTH: 7385.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	142.8			
C 2	2.7	190.3	47.4		
FIRST CLOSED-IN					
C 1	0.0	190.3			
D 2	88.2	3393.1	3202.9	2.7	0.013
SECOND FLOW					
E 1	0.0	259.8			
2	10.0	490.9	231.2		
3	20.0	702.2	211.3		
4	30.0	950.1	247.9		
5	40.0	1139.0	188.9		
6	50.0	1172.6	33.6		
7	60.0	1246.6	74.0		
8	70.0	1288.6	41.9		
9	80.0	1303.2	14.6		
10	90.0	1311.4	8.3		
11	100.0	1318.2	6.8		
12	110.0	1324.0	5.8		
13	120.0	1329.2	5.2		
14	130.0	1336.3	7.0		
15	140.0	1346.6	10.3		
F 16	143.1	1356.8	10.2		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$

REMARKS:

TICKET NO: 50892200

GAUGE NO: 192


















CLOCK NO: 2290 HOUR: 24

DEPTH: 7551.0



REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$	REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW											
B	1	0.0	228.7								
C	2	2.7	262.9	34.1							
FIRST CLOSED-IN											
C	1	0.0	262.9								
D	2	88.2	3480.3	3217.4	2.7 0.013						
SECOND FLOW											
E	1	0.0	345.6								
	2	10.0	576.9	231.3							
	3	20.0	780.6	203.7							
	4	30.0	1017.4	236.8							
	5	40.0	1226.4	209.0							
	6	50.0	1251.9	25.4							
	7	60.0	1325.7	73.9							
	8	70.0	1370.9	45.2							
	9	80.0	1387.0	16.1							
	10	90.0	1395.8	8.8							
	11	100.0	1403.4	7.6							
	12	110.0	1409.3	6.0							
	13	120.0	1413.7	4.3							
	14	130.0	1421.0	7.3							
	15	140.0	1431.0	10.0							
F	16	143.1	1441.0	10.0							

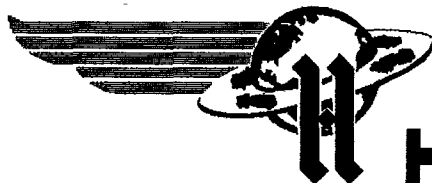
REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	6570.0	
4		FLEX WEIGHT.....	4.500	2.764	273.6	
3		DRILL COLLARS.....	8.000	3.000	404.8	
50		IMPACT REVERSING SUB.....	7.813	2.875	1.2	7279.0
3		DRILL COLLARS.....	8.000	3.000	91.0	
5		CROSSOVER.....	7.500	2.875	0.8	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.8	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	7383.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	7385.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.7	
70		OPEN HOLE PACKER.....	8.750	1.680	5.8	7400.0
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70		OPEN HOLE PACKER.....	8.750	1.680	5.8	7408.3
5		CROSSOVER.....	7.500	3.313	0.8	
3		DRILL COLLARS.....	8.000	3.000	93.5	
5		CROSSOVER.....	7.750	2.500	0.8	
20		FLUSH JOINT ANCHOR.....	5.750	3.500	45.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	7551.0
TOTAL DEPTH					7554.0	

EQUIPMENT DATA

RECEIVED
JUL 13 1987

DIVISION OF
OIL, GAS & MINING



**HALLIBURTON
SERVICES**

TICKET NO. 50892000

09-JUL-87

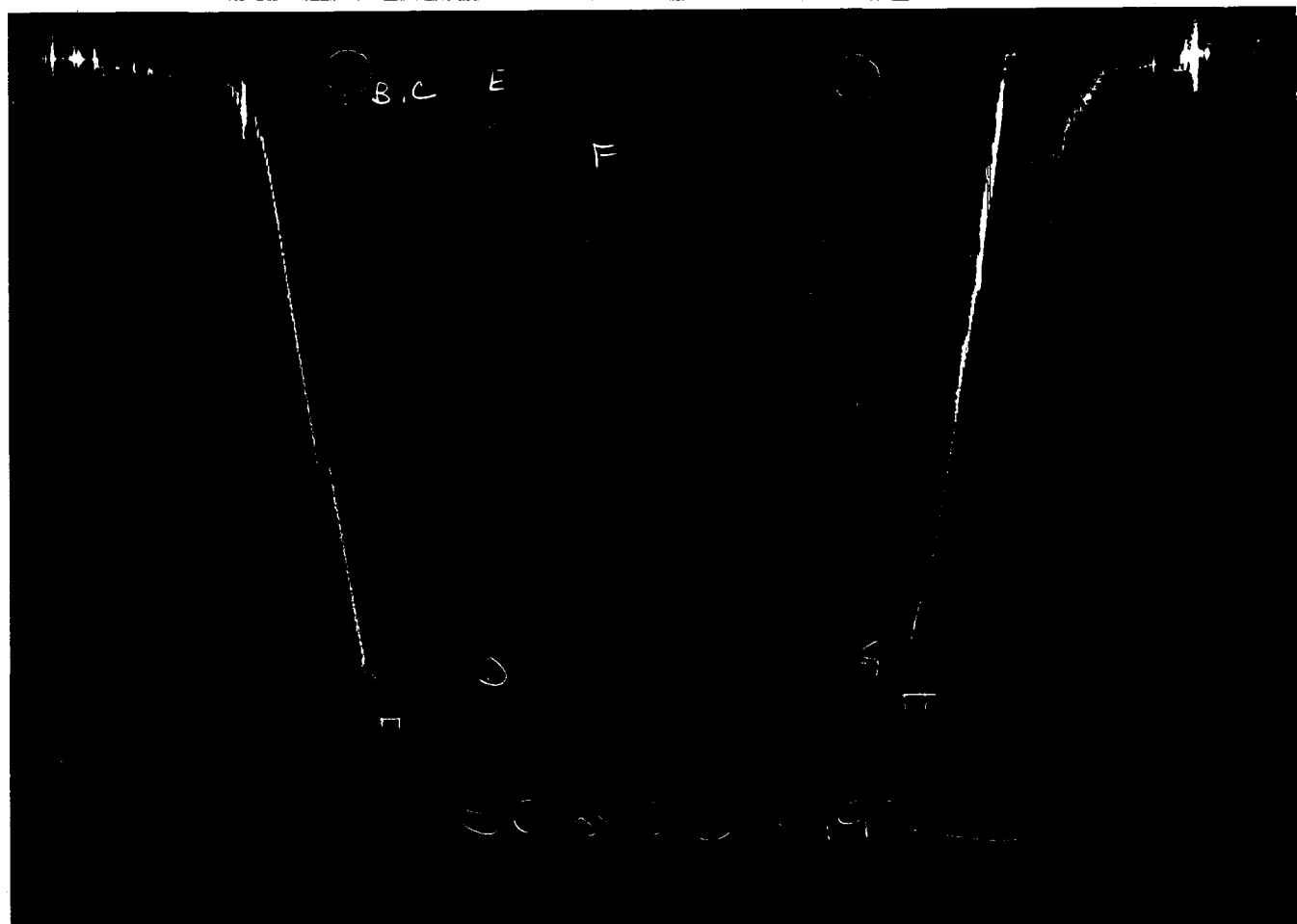
VERNAL

FORMATION TESTING SERVICE REPORT

635
LEASE NAME LMICO UUVITY WELL NO. 4-17-RZ2 TEST NO. 1 TESTED INTERVAL 7141.5 - 7301.0 LEASE OWNER/COMPANY NAME PENNZOIL COMPANY
LEGAL LOCATION SEC. - T1P - R1G. 17 - 15N - 2 W FIELD AREA BLUE BELL COUNTY DUCHESSNE STATE UTAH PF

GAUGE NO: 205 DEPTH: 7118.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3320	3318.2			
B	INITIAL FIRST FLOW	109	116.1	1.0	1.2	F
C	FINAL FIRST FLOW	232	132.1			
C	INITIAL FIRST CLOSED-IN	232	132.1	91.0	90.2	C
D	FINAL FIRST CLOSED-IN	3125	3140.7			
E	INITIAL SECOND FLOW	232	234.9	120.0	120.6	F
F	FINAL SECOND FLOW	452	471.0			
F	INITIAL SECOND CLOSED-IN	452	471.0	404.0	385.7	C
G	FINAL SECOND CLOSED-IN	3097	3107.3			
H	FINAL HYDROSTATIC	3278	3284.0			



GAUGE NO: 192 DEPTH: 7298.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3413	3406.5			
B	INITIAL FIRST FLOW	203	212.1	1.0	1.2	F
C	FINAL FIRST FLOW	258	212.1			
C	INITIAL FIRST CLOSED-IN	258	212.1	91.0	90.2	C
D	FINAL FIRST CLOSED-IN	3234	3233.9			
E	INITIAL SECOND FLOW	258	269.2	120.0	120.6	F
F	FINAL SECOND FLOW	502	512.9			
F	INITIAL SECOND CLOSED-IN	502	512.9	404.0	385.7	C
G	FINAL SECOND CLOSED-IN	3179	3183.5			
H	FINAL HYDROSTATIC	3358	3350.8			

EQUIPMENT & HOLE DATAFORMATION TESTED: UPPER GREEN RIVER

NET PAY (ft): _____

GROSS TESTED FOOTAGE: 159.5ALL DEPTHS MEASURED FROM: 7301' TD

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 9.875ELEVATION (ft): 6153.0TOTAL DEPTH (ft): 7301.0PACKER DEPTH(S) (ft): 7134. 7142

FINAL SURFACE CHOKE (in): _____

BOTTOM HOLE CHOKE (in): 0.750MUD WEIGHT (lb/gal): 8.90MUD VISCOSITY (sec): 60

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 122 @ 7298.0 ftTICKET NUMBER: 50892000DATE: 7-2-87 TEST NO: 1TYPE DST: OPEN HOLE

HALLIBURTON CAMP: _____

VERNALTESTER: DANNY CARTER
CRAIG BARNEYWITNESS: PETE HAIGIST

DRILLING CONTRACTOR: _____

LOFFLAND**FLUID PROPERTIES FOR
RECOVERED MUD & WATER**

SOURCE

RESISTIVITY

CHLORIDES

PIT	<u>3.400 @ 69 °F</u>	<u>2000 ppm</u>
TOP FLUID	<u>2.400 @ 79 °F</u>	<u>3800 ppm</u>
TOP DUAL	<u>0.140 @ 71 °F</u>	<u>84000 ppm</u>
SAMPLER	<u>0.100 @ 71 °F</u>	<u>150000 ppm</u>
_____	<u>_____ @ _____ °F</u>	<u>_____ ppm</u>
_____	<u>_____ @ _____ °F</u>	<u>_____ ppm</u>

SAMPLER DATAPsig AT SURFACE: 2500.0cu.ft. OF GAS: 126.170

cc OF OIL: _____

cc OF WATER: 975.0cc OF MUD: TRACETOTAL LIQUID cc: 975.0**HYDROCARBON PROPERTIES**

OIL GRAVITY (°API): _____ @ _____ °F

GAS/OIL RATIO (cu.ft. per bbl): _____

GAS GRAVITY: 0.600 EST.**CUSHION DATA**

TYPE AMOUNT WEIGHT

RECOVERED :

390 FEET OF GAS CUT MUD

990 FEET OF SLIGHTLY OIL CUT MUD

MEASURED FROM
TESTER VALVE**REMARKS :**

- TIGHT HOLE -

SOME SAND WAS FOUND IN DUAL SAMPLER BUT NOT ENOUGH TO PLUG - NONE WAS FOUND IN HYDROSPRING.

SAMPLER PRESSURE WAS HIGH - APPEARS TO HAVE TRAPPED A PORTION OF THE FINAL CIP. (NO SCRATCHES WERE FOUND IN METAL - NO O RINGS WERE BAD)

NOTE: TIME REPORTED AND CALCULATED FOR FINAL CIP DOES NOT AGREE.....

TYPE & SIZE MEASURING DEVICE : LT-20 MANIFOLD					TICKET NO: 50892000
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
7-1-87					
2300					ON LOCATION
7-2-87					
0030					PICKED-UP TOOLS
0600					TAGGED BOTTOM
0623					SET WEIGHT ON TOOLS - 65,000#
0625	1/8"				OPENED TOOL - 1" TO 8" ON
					BUBBLE HOSE.
0626	"				CLOSED TOOL - 8"
0657	"				BLEEDING OFF - 4"
0727	"				" - 1/2"
0737	"				STOPPED BLOWING
0757					REOPENED TOOL
0801	1/8"	7	7.6		BLOWING THROUGH BUBBLE HOSE
0806	"	20	12.1		
0811	"	27	14.5		TRACE OF GAS
0817	"	37	18		"
0823	"	47	21.5		"
0829	"	58	25.3		"
0834	"	68	28.8		"
0835	24/64"	65	64.1		OPENED TO FLARE - 8' FLARE
0838	"	64	63.3		"
0843	"	54	55.3		"
0848	"	49	51.3		"
0853	"	44	47.3		"
0858	"	43	46.5		"
0903	"	38	42.5		"
0908	"	36	40.9		"
0913	"	34	39.3		"
0918	"	33	38.5		"
0923	"	33	38.5		"
0928	"	33	"		"
0933	"	"	"		"
0943	"	32	37.7		"
0948					CAUGHT GAS SAMPLE
0952	"	38	42.5		FLARING
0957	"	37	41.7		CLOSED TOOL

[illegible]

TICKET NO: 50892000

CLOCK NO: 2786 HOUR: 24



GAUGE NO: 205

DEPTH: 7118.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	115.1			
C 2	1.2	132.1	16.0		
FIRST CLOSED-IN					
C 1	0.0	132.1			
2	1.0	275.3	143.2	0.5	0.338
3	2.0	420.9	288.7	0.7	0.201
4	3.0	568.9	436.8	0.8	0.144
5	4.0	744.4	612.3	0.9	0.111
6	5.0	934.5	802.4	1.0	0.091
7	6.0	1130.2	998.1	1.0	0.077
8	7.0	1392.1	1260.0	1.0	0.067
9	8.0	1640.2	1508.1	1.0	0.060
10	9.0	1899.2	1767.1	1.0	0.054
11	10.0	2142.1	2010.0	1.1	0.048
12	12.0	2522.2	2390.1	1.1	0.041
13	14.0	2773.7	2641.6	1.1	0.035
14	16.0	2919.3	2787.2	1.1	0.031
15	18.0	2999.6	2867.5	1.1	0.028
16	20.0	3043.8	2911.6	1.1	0.025
17	22.0	3068.6	2936.4	1.1	0.023
18	24.0	3084.3	2952.2	1.1	0.021
19	26.0	3097.6	2965.4	1.1	0.019
20	28.0	3106.7	2974.6	1.1	0.018
21	30.0	3113.6	2981.4	1.1	0.017
22	35.0	3123.0	2990.9	1.1	0.014
23	40.0	3127.4	2995.2	1.1	0.013
24	45.0	3131.0	2998.9	1.1	0.011
25	50.0	3132.4	3000.3	1.2	0.010
26	55.0	3136.7	3004.6	1.2	0.009
27	60.0	3138.0	3005.8	1.2	0.008
28	70.0	3139.4	3007.2	1.2	0.007
29	80.0	3139.9	3007.8	1.2	0.006
D 30	90.2	3140.7	3008.6	1.2	0.006
SECOND FLOW					
E 1	0.0	234.9			
2	10.0	270.8	35.9		
3	20.0	323.2	52.4		
4	30.0	355.4	32.2		
5	40.0	388.5	33.0		
6	50.0	388.5	0.0		
7	60.0	393.1	4.7		
8	70.0	400.0	6.9		
9	80.0	411.8	11.8		
10	90.0	423.2	11.4		
11	100.0	444.8	21.7		
12	110.0	450.2	5.3		

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND FLOW - CONTINUED					
F 13	120.6	471.0	20.8		
SECOND CLOSED-IN					
F 1	0.0	471.0			
2	1.0	528.2	57.2	1.0	2.089
3	2.0	574.0	103.0	1.9	1.798
4	3.0	622.8	151.8	2.9	1.623
5	4.0	675.2	204.2	3.9	1.498
6	5.0	719.6	248.6	4.8	1.407
7	6.0	772.8	301.8	5.7	1.330
8	7.0	829.7	358.7	6.6	1.263
9	8.0	874.1	403.1	7.5	1.210
10	9.0	927.6	456.6	8.4	1.161
11	10.0	982.8	511.8	9.3	1.119
12	12.0	1091.3	620.3	10.9	1.048
13	14.0	1195.6	724.6	12.6	0.987
14	16.0	1298.3	827.3	14.1	0.936
15	18.0	1407.2	936.2	15.7	0.891
16	20.0	1515.2	1044.2	17.2	0.851
17	22.0	1615.2	1144.2	18.6	0.816
18	24.0	1719.5	1248.5	20.1	0.783
19	26.0	1817.0	1346.0	21.4	0.755
20	28.0	1912.5	1441.5	22.8	0.728
21	30.0	2009.9	1538.9	24.1	0.704
22	35.0	2234.2	1763.2	27.2	0.651
23	40.0	2415.2	1944.2	30.1	0.607
24	45.0	2570.5	2099.5	32.8	0.569
25	50.0	2692.8	2221.8	35.5	0.536
26	55.0	2783.4	2312.4	37.9	0.507
27	60.0	2852.5	2381.5	40.2	0.481
28	70.0	2934.4	2463.4	44.4	0.438
29	80.0	2977.0	2506.0	48.3	0.402
30	90.0	3001.2	2530.2	51.8	0.372
31	100.0	3016.1	2545.1	54.9	0.346
32	110.0	3028.4	2557.4	57.8	0.324
33	120.0	3038.0	2567.0	60.4	0.304
34	135.0	3049.5	2578.5	64.0	0.279
35	150.0	3058.2	2587.2	67.2	0.258
36	165.0	3065.6	2594.6	70.1	0.240
37	180.0	3072.4	2601.5	72.6	0.224
38	195.0	3078.0	2607.0	75.0	0.211
39	210.0	3082.2	2611.2	77.1	0.199
40	225.0	3086.2	2615.3	79.0	0.188
41	240.0	3089.7	2618.7	80.8	0.178
42	260.0	3093.4	2622.4	82.9	0.167
43	280.0	3096.7	2625.7	84.9	0.157
44	300.0	3099.6	2628.6	86.6	0.148
45	320.0	3101.9	2630.9	88.2	0.140
46	340.0	3103.4	2632.4	89.7	0.133
47	360.0	3105.2	2634.2	91.0	0.127
48	380.0	3106.7	2635.7	92.2	0.121
G 49	385.7	3107.3	2636.3	92.6	0.119

REMARKS:

TICKET NO: 50892000

CLOCK NO: 2290 HOUR: 24






















GAUGE NO: 192

DEPTH: 7298.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$	REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$	
FIRST FLOW						SECOND FLOW - CONTINUED						
B	1	0.0	212.1			F	13	120.6	512.9	22.3		
C	2	1.2	212.1	0.0		SECOND CLOSED-IN						
FIRST CLOSED-IN						F	1	0.0	512.9			
C	1	0.0	212.1			2	1.0	569.8	56.9	1.0	2.090	
	2	1.0	323.3	111.2	0.5	0.339	3	2.0	620.5	107.6	2.0	1.786
	3	2.0	445.5	233.4	0.7	0.202	4	3.0	667.2	154.3	2.9	1.620
	4	3.0	582.1	370.0	0.8	0.144	5	4.0	725.4	212.5	3.9	1.496
	5	4.0	767.5	555.4	0.9	0.112	6	5.0	771.0	258.1	4.8	1.405
	6	5.0	928.3	716.2	1.0	0.092	7	6.0	821.9	309.0	5.7	1.329
	7	6.0	1131.1	919.0	1.0	0.078	8	7.0	867.9	355.0	6.6	1.266
	8	7.0	1356.8	1144.7	1.0	0.068	9	8.0	918.7	405.8	7.5	1.210
	9	8.0	1566.3	1354.2	1.0	0.060	10	9.0	970.4	457.5	8.4	1.163
	10	9.0	1795.7	1583.6	1.0	0.053	11	10.0	1023.9	511.0	9.3	1.119
	11	10.0	2039.7	1827.6	1.1	0.048	12	12.0	1127.0	614.1	10.9	1.047
	12	12.0	2426.0	2213.9	1.1	0.041	13	14.0	1235.2	722.3	12.5	0.988
	13	14.0	2759.7	2547.6	1.1	0.035	14	16.0	1334.8	822.0	14.1	0.935
	14	16.0	2953.0	2740.9	1.1	0.031	15	18.0	1441.3	928.4	15.7	0.889
	15	18.0	3050.0	2847.9	1.1	0.028	16	20.0	1548.4	1035.5	17.2	0.850
	16	20.0	3114.7	2902.6	1.1	0.025	17	22.0	1652.9	1140.1	18.7	0.815
	17	22.0	3145.0	2932.9	1.1	0.023	18	24.0	1744.3	1231.5	20.0	0.784
	18	24.0	3165.8	2953.7	1.1	0.021	19	26.0	1841.2	1328.3	21.4	0.755
	19	26.0	3179.3	2967.2	1.1	0.019	20	28.0	1932.4	1419.6	22.7	0.729
	20	28.0	3188.4	2976.3	1.1	0.018	21	30.0	2035.9	1523.1	24.1	0.704
	21	30.0	3197.8	2985.7	1.1	0.017	22	35.0	2239.5	1726.6	27.2	0.652
	22	35.0	3209.7	2997.6	1.1	0.014	23	40.0	2429.8	1917.0	30.1	0.607
	23	40.0	3217.5	3005.4	1.1	0.013	24	45.0	2602.1	2089.2	32.9	0.569
	24	45.0	3221.9	3009.8	1.1	0.011	25	50.0	2739.6	2226.8	35.5	0.536
	25	50.0	3225.5	3013.4	1.2	0.010	26	55.0	2832.7	2319.8	37.9	0.507
	26	55.0	3227.6	3015.5	1.2	0.009	27	60.0	2909.5	2396.6	40.2	0.481
	27	60.0	3228.5	3016.4	1.2	0.008	28	70.0	2999.2	2486.3	44.4	0.438
	28	70.0	3231.0	3018.9	1.2	0.007	29	80.0	3046.4	2533.6	48.3	0.402
	29	80.0	3233.1	3021.0	1.2	0.006	30	90.0	3074.0	2561.1	51.8	0.372
D	30	90.2	3233.9	3021.8	1.2	0.006	31	100.0	3090.4	2577.5	54.9	0.346
SECOND FLOW						32	110.0	3102.8	2589.9	57.8	0.324	
E	1	0.0	269.2			33	120.0	3113.2	2600.3	60.5	0.304	
	2	10.0	332.9	63.6		34	135.0	3124.7	2611.9	64.0	0.279	
	3	20.0	368.9	36.0		35	150.0	3132.7	2619.9	67.2	0.258	
	4	30.0	398.3	29.4		36	165.0	3140.7	2627.9	70.1	0.240	
	5	40.0	430.1	31.8		37	180.0	3147.3	2634.5	72.6	0.224	
	6	50.0	430.1	0.0		38	195.0	3153.0	2640.1	75.0	0.211	
	7	60.0	434.6	4.5		39	210.0	3157.3	2644.4	77.1	0.199	
	8	70.0	442.3	7.8		40	225.0	3160.7	2647.8	79.0	0.188	
	9	80.0	452.7	10.3		41	240.0	3164.7	2651.8	80.8	0.178	
	10	90.0	466.3	13.6		42	260.0	3168.4	2655.6	82.9	0.167	
	11	100.0	484.5	18.2		43	280.0	3172.0	2659.1	84.9	0.157	
	12	110.0	490.6	6.1		44	300.0	3174.9	2662.0	86.6	0.148	
						45	320.0	3177.9	2665.1	88.2	0.140	
						46	340.0	3179.3	2666.4	89.7	0.133	
						47	360.0	3181.4	2668.5	91.0	0.127	
						48	380.0	3182.8	2669.9	92.2	0.121	
						G	49	385.7	3183.5	2670.6	92.6	0.119

REMARKS:

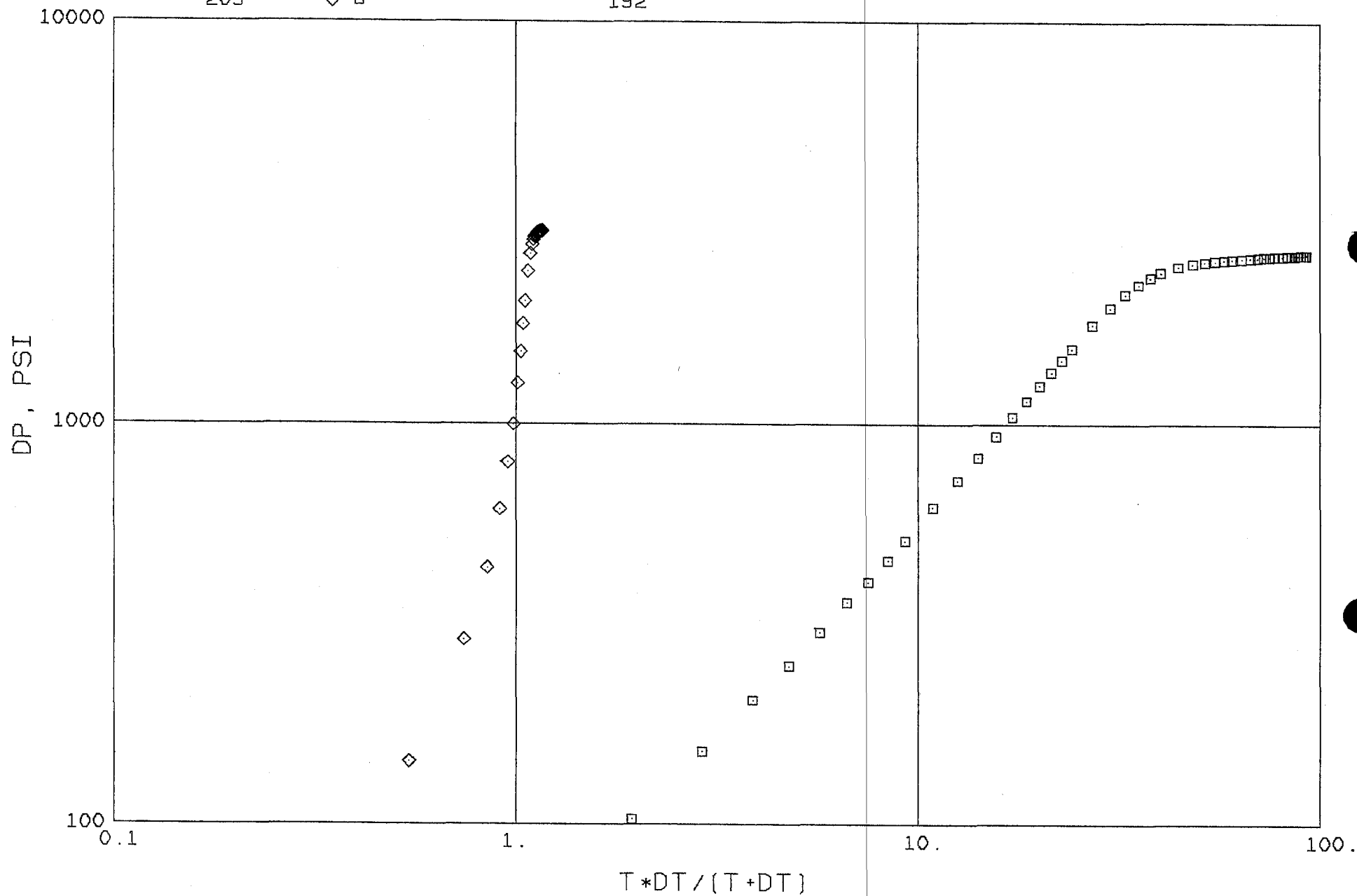
		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	6617.0	
5		CROSSOVER.....	8.000	3.000	4.0	
3		DRILL COLLARS.....	8.000	3.000	442.6	
50		IMPACT REVERSING SUB.....	7.813	2.875	1.2	7044.0
3		DRILL COLLARS.....	8.000	3.000	59.9	
5		CROSSOVER.....	7.500	2.875	0.8	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.8	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	7116.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	7118.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.7	
70		OPEN HOLE PACKER.....	8.750	1.680	5.8	7133.5
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70		OPEN HOLE PACKER.....	8.750	1.680	5.8	7141.5
5		CROSSOVER.....	7.500	3.313	0.8	
3		DRILL COLLARS.....	8.000	3.000	124.6	
5		CROSSOVER.....	7.750	2.500	0.8	
20		FLUSH JOINT ANCHOR.....	5.750	3.500	27.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		5.0	7298.0
TOTAL DEPTH					7301.0	

EQUIPMENT DATA

TICKET NO 50892000

GAUGE NO CIP 1 2
205 \diamond \square

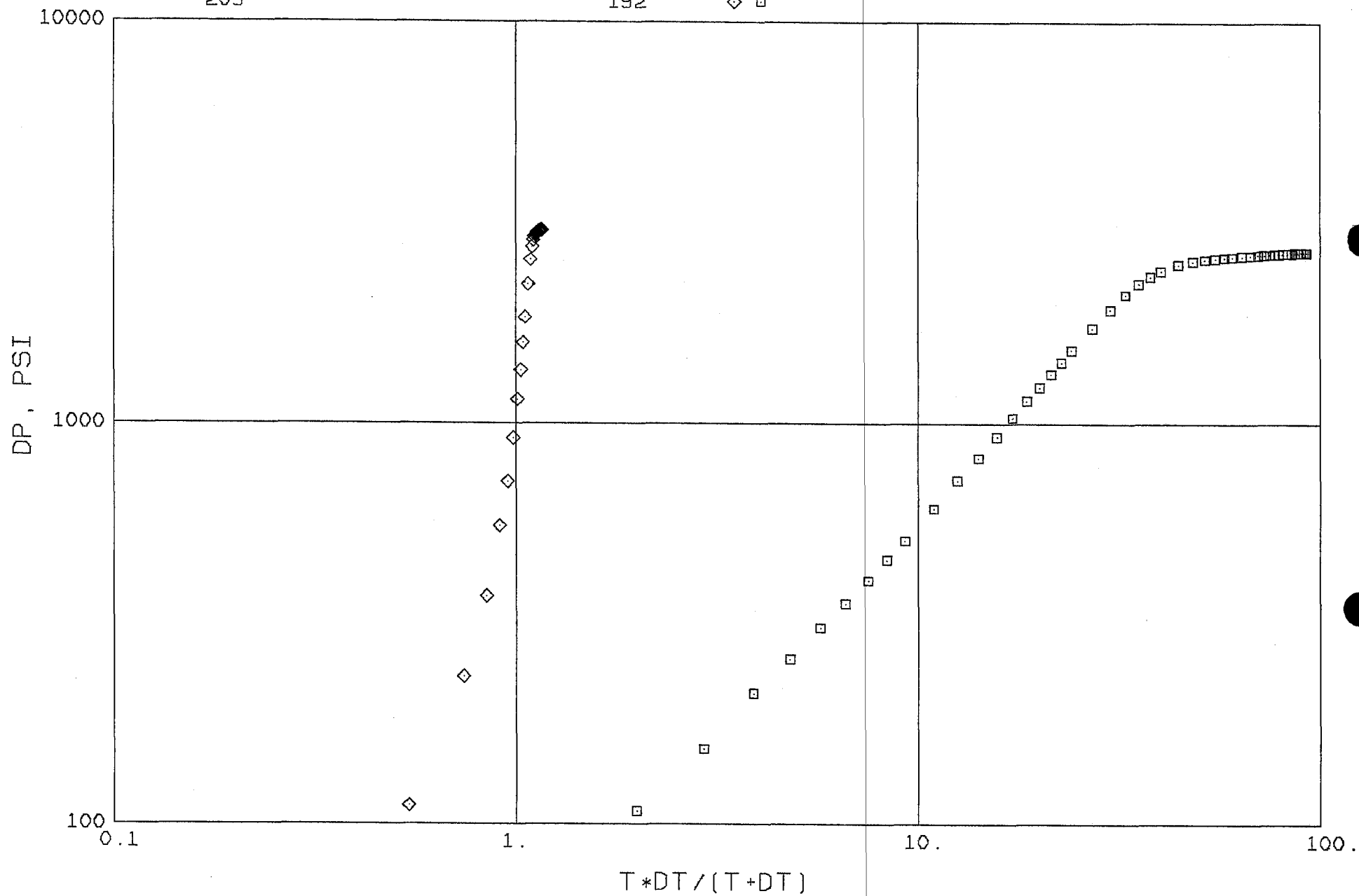
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192



TICKET NO 50892000

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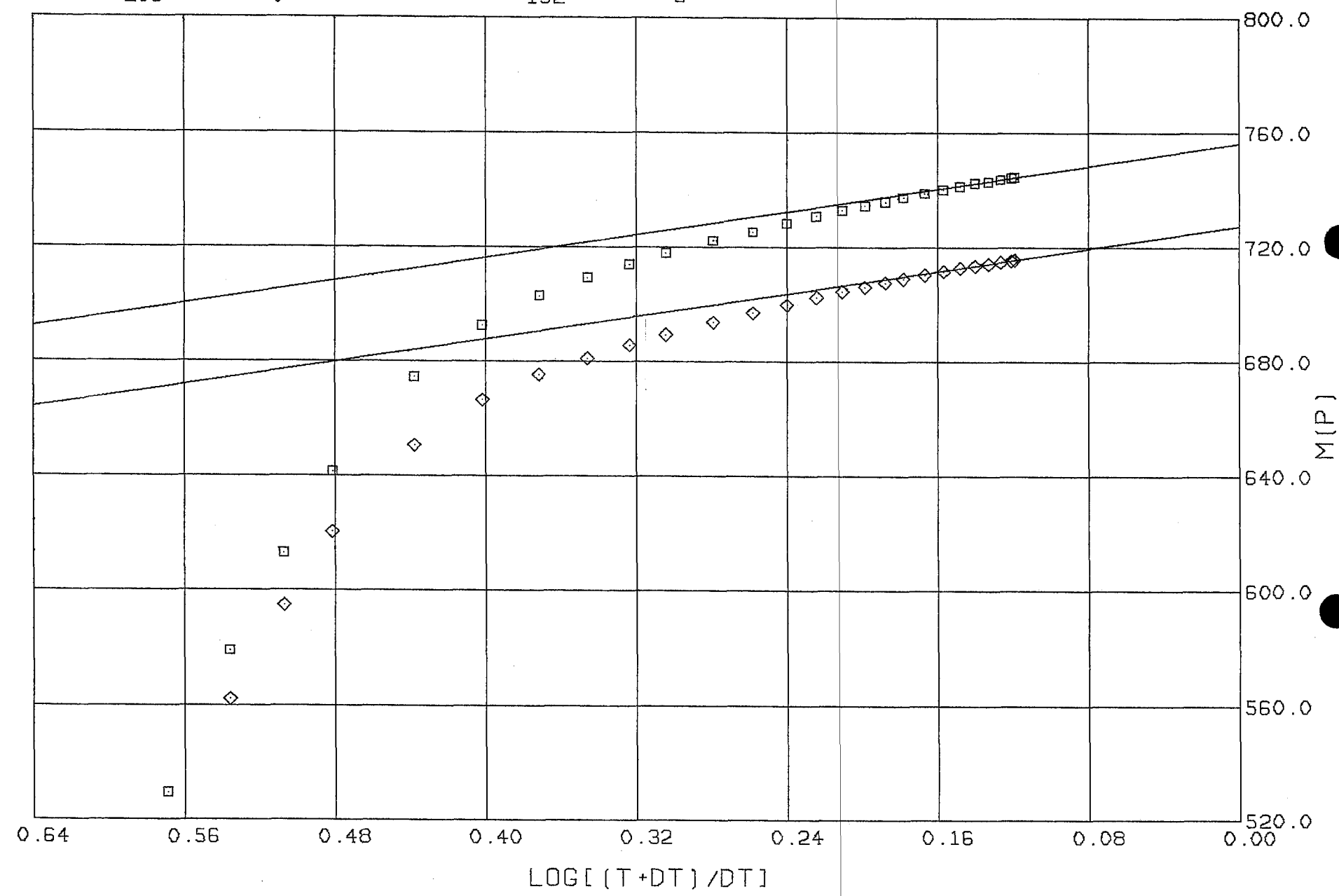
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192 \diamond \square



TICKET NO 50892000

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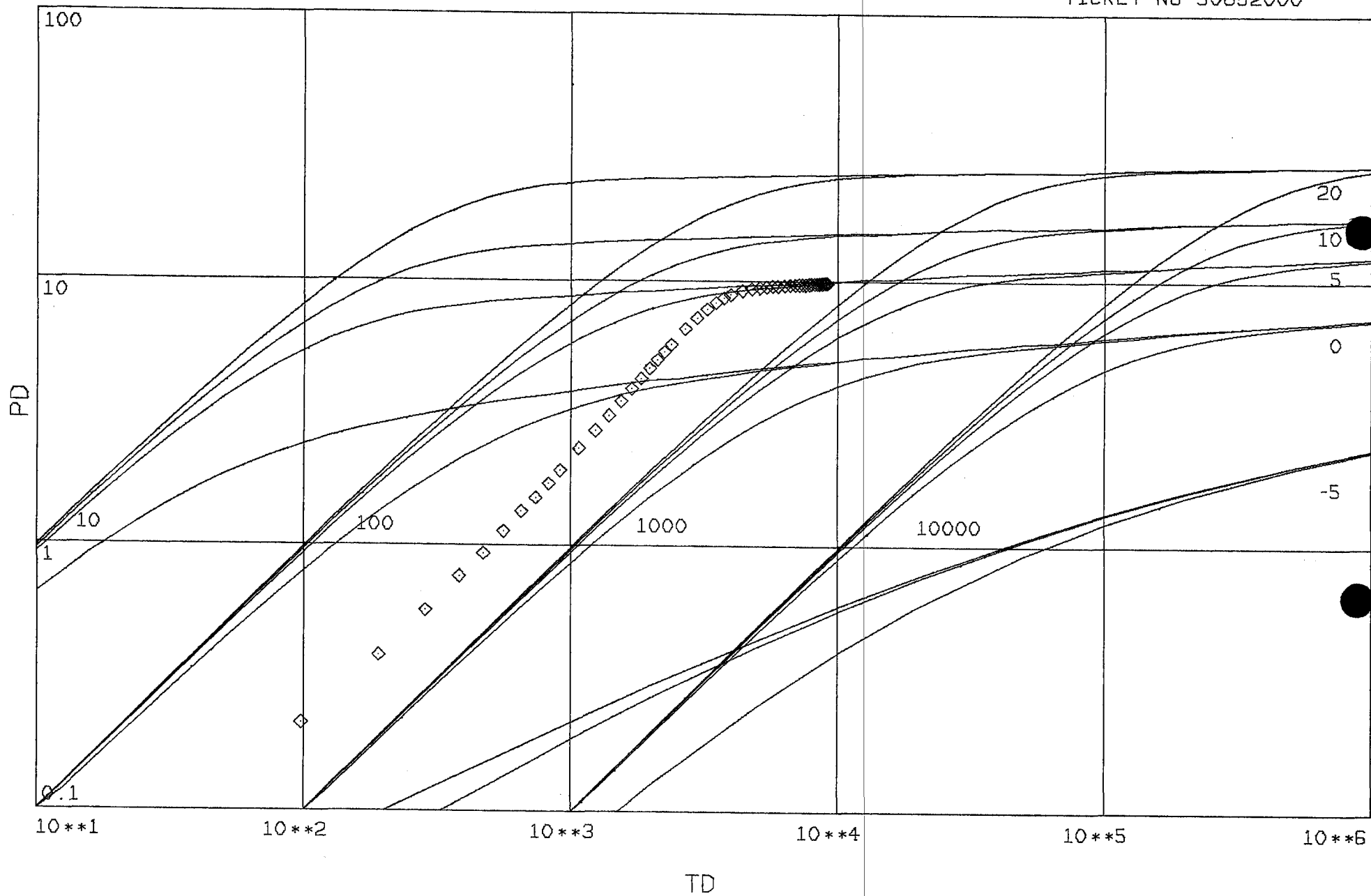
GAUGE NO CIP 1 2
192 □



GAUGE NO 205

CIP 2

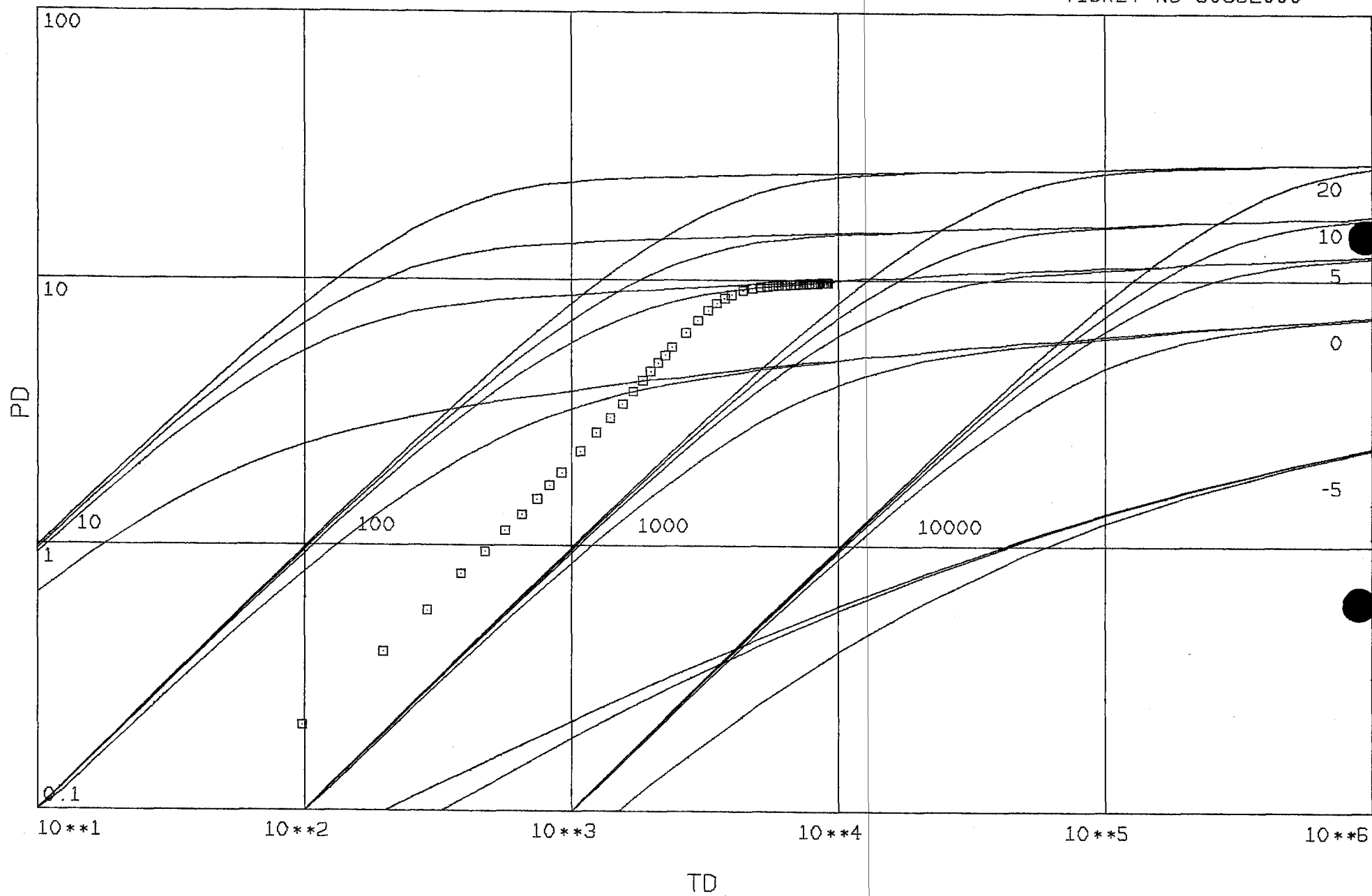
TICKET NO 50892000



GAUGE NO 192

CIP 2

TICKET NO 50892000



SUMMARY OF RESERVOIR PARAMETERS

USING HORNER METHOD FOR GAS WELLS

GAS GRAVITY _____ 0.600 _____ TEMPERATURE _____ 122.0 _____ °F
 NET PAY _____ 0.0 ft _____ POROSITY _____ 10.0 _____ %
 RADIUS OF WELL BORE _____ 0.411 ft _____ VISCOSITY _____ 0.020 _____ cp
 GAS DEVIATION FACTOR _____ 0.859 _____ GAS PROPERTIES AT _____ 3214.6 _____ psig
 SYSTEM COMPRESSIBILITY _____ 215.09 _____ $\times 10^{-6}$ vol/vol/psi

GAUGE NUMBER	205	192					
GAUGE DEPTH	7118.0	7298.0					
FLOW AND CIP PERIOD	2	2					UNITS
FINAL FLOW PRESSURE	471.0	512.9					psig
TOTAL FLOW TIME	121.8	121.8					min
CALC. STATIC PRESSURE P^*	3138.4	3214.6					psig
EXTRAPOLATED PRESSURE $m(P^*)$	727.5	756.5					$\frac{mmp\ si^2}{cp}$
ONE CYCLE PRESSURE $m(P_{10})$	628.2	655.9					$\frac{mmp\ si^2}{cp}$
PRODUCTION RATE Q	41.0	41.0					MCFD
FLOW CAPACITY kh	0.39334	0.38834					md-ft
PERMEABILITY k	0.00247	0.00243					md
SKIN FACTOR S	6.3	6.5					
DAMAGE RATIO DR	4.4	4.5					
INDICATED RATE MAX AOF_1	42.2	42.3					MCFD
INDICATED RATE MIN AOF_2	41.6	41.7					MCFD
THEORETICAL RATE $DR \times AOF_1$	186.5	192.2					MCFD
THEORETICAL RATE $DR \times AOF_2$	183.9	189.1					MCFD
RADIUS OF INVESTIGATION r_i	3.5	3.5					ft

REMARKS: ALL CALCULATED RESERVOIR PARAMETERS ARE BASED ON 100% GAS PRODUCTION.
 THE PRODUCTION RATE USED AS BASIS OF ANALYSIS WAS DETERMINED FROM THE
 FINAL SURFACE FLOWING PRESSURE AND FINAL SURFACE FLOWING CHOKE SIZE.

THE INITIAL CIP DATA COULD NOT BE ANALYZED DUE TO INSUFFICIENT PRIOR
 FLOW DATA.

A VALUE WAS NOT REPORTED FOR NET PAY. THE TESTED INTERVAL OF 160'
 WAS USED IN PLACE OF NET PAY FOR CALCULATION PURPOSES.

NOTICE: THESE CALCULATIONS ARE BASED UPON INFORMATION FURNISHED BY YOU AND TAKEN FROM DRILL STEM PRESSURE CHARTS, AND ARE FURNISHED YOU FOR YOUR
 INFORMATION. IN FURNISHING SUCH CALCULATIONS AND EVALUATIONS BASED THEREON, HALLIBURTON IS MERELY EXPRESSING ITS OPINION. YOU AGREE THAT
 HALLIBURTON MAKES NO WARRANTY EXPRESS OR IMPLIED AS TO THE ACCURACY OF SUCH CALCULATIONS OR OPINIONS, AND THAT HALLIBURTON SHALL NOT BE
 LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE, IN CONNECTION WITH SUCH OPINIONS.

SUMMARY OF RESERVOIR PARAMETERS

USING CURVE MATCH METHOD FOR GAS WELLS

GAS GRAVITY _____ 0.600 _____ TEMPERATURE _____ 122.0 _____ °F
 NET PAY _____ 0.0 ft _____ POROSITY _____ 10.0 _____ %
 RADIUS OF WELLBORE _____ 0.411 ft _____ VISCOSITY _____ 0.020 _____ cp
 GAS DEVIATION FACTOR _____ 0.859 _____ GAS PROPERTIES AT _____ 3214.6 _____ p si
 SYSTEM COMPRESSIBILITY _____ 215.09 _____ $\times 10^{-6}$ vol/vol/p si

GAUGE NUMBER		205	192					
GAUGE DEPTH		7118.0	7298.0					
FLOW AND CIP PERIOD		2	2					UNITS
FINAL FLOW PRESSURE	P_f	471.0	512.9					p si
TOTAL FLOW TIME	t	121.8	121.8					min
PRODUCTION RATE	Q	41.0	41.0					MCFD
t_d AT 1 HOUR		3915.	3926.					
P_d AT 100 p si		0.374	0.367					
C_d		1000.0	1000.0					
SKIN	S	5.0	5.0					
TRANSMISSIBILITY	kh/μ	16.9	16.7					$\frac{md-ft}{cp}$
FLOW CAPACITY	kh	0.33054	0.32483					md-ft
PERMEABILITY	k	0.00207	0.00204					md
DAMAGE RATIO	DR	2.0	2.0					
RADIUS OF INVESTIGATION	r_i	3.2	3.2					ft

REMARKS:

NOTICE:

THESE CALCULATIONS ARE BASED UPON INFORMATION FURNISHED BY YOU AND TAKEN FROM DRILL STEM PRESSURE CHARTS, AND ARE FURNISHED YOU FOR YOUR INFORMATION. IN FURNISHING SUCH CALCULATIONS AND EVALUATIONS BASED THEREON, HALLIBURTON IS MERELY EXPRESSING ITS OPINION. YOU AGREE THAT HALLIBURTON MAKES NO WARRANTY EXPRESS OR IMPLIED AS TO THE ACCURACY OF SUCH CALCULATIONS OR OPINIONS, AND THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE, IN CONNECTION WITH SUCH OPINIONS.

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

RECEIVED

AUG 12 1987

DIVISION OF OIL
GAS & MINING

August 11, 1987
State of Utah, Dept of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Operations Reports For June & July 1987
Lamicq-Urruty No. 4-17A2
SENW Section 17, T1S, R2W
Duchesne County, Utah

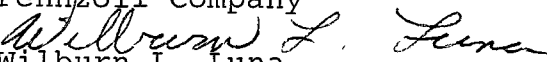
Gentlemen:

Enclosed please find the original and three (3) Copies of your form OGC-1b "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company


Wilburn L. Luna
Drilling Superintendent

Enclosure

UT-3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Pennzoil Company	
3. ADDRESS OF OPERATOR P.O. Box 290 Neola, Utah 84053	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2141' FNL & 1820' FWL	
14. PERMIT NO. API 43-013-31190	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6129' GR

RECEIVED

AUG 12 1987

DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. FEE LAND	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME 081404	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Lamicq-Urruty	
9. WELL NO. 4-17A2	
10. FIELD AND POOL, OR WILDCAT BlueBell-Wasatch	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SENW Sec. 17, T1S, R2W	
12. COUNTY OR PARISH Duchesne	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) <u>July Monthly Operations</u>	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

- Finished cutting core #1 (cut 41.3' & recovered 40.3').
- Ran DST #1 from 7142' to 7301', results will be sent under separate cover.
- Drilled from 7301' to 7375' & Cored from 7375'-82', core #2-cut 7' recovered 6'.
- Drilled from 7382' to 7500' & Cored to 7554', core #3 cut 54' & recovered 52.2'.
- Ran DST #2, results will be sent under separate cover.
- Drilled from 7554' to 12,750', 7 5/8" csg point, on 7-30-87 w/11.5# & 46 vis mud and POH to log.
- Ran FDC-CNL log.
- At 6:00AM on 7-31-87 making a clean-out trip to finish logging. 11.5#, 50vis & 8 WL mud.

18. I hereby certify that the foregoing is true and correct

SIGNED Wilburn L. Luna

Wilburn L. Luna

(This space for Federal or State office use)

Office 801-353-4397

Drilling Superintendent

DATE 8-11-87

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	RECEIVED
2. NAME OF OPERATOR Pennzoil Company	AUG 12 1987
3. ADDRESS OF OPERATOR P.O. Box 290 Neola, Utah 84053	DIVISION OF OIL GAS & MINING
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2141' FNL & 1820' FWL	
14. PERMIT NO. API 43-013-31190	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6129' GR

5. LEASE DESIGNATION AND SERIAL NO. FEE LAND	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME 81403	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Lamicq-Urruty	
9. WELL NO. 4-17A2	
10. FIELD AND POOL, OR WILDCAT BlueBell-Wasatch	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE NW Sec. 17, T1S, R2W	
12. COUNTY OR PARISH Duchesne	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) June Monthly Operations	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- Spudded well @ 12:00PM on 6-3-87 with rathole machine.
- Started drilling with rig on 6-13-87.
- Reached surface casing depth, 4600' w/no water flows, and ran 112 jts, 4606', 10 3/4", 40.5/45.5#, K-55 csg. Set & cmted same @ 4600' w/1900sks of cmt. Cement circulated & fell back-recemented from 100' w/150 sks Cl"G".
- N/U BOP stack, tested BOPs & 10 3/4" csg with 3,000Psi.
- Drilled to 4615' & tested csg seat & open hole to 14.5# mud eq. with 8.4# mud and 1460Psi of pressure.
- At 6:00AM on June 30th, cutting Core No. 1 at 7270' with 8.9# & 52 vis mud.

18. I hereby certify that the foregoing is true and correct

SIGNED

Wilburn L. Luna
Wilburn L. Luna

TITLE

Office 801-353-4397

Drilling Superintendent

DATE 8-11-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

RECEIVED

SEP 8 1987

DIVISION OF OIL
GAS & MINING

September 3, 1987

State of Utah, Dept of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Operations Reports For August 1987
Lamicq-Urruty No. 4-17A2
SENW Section 17, T1S, R2W
Duchesne County, Utah

Gentlemen:

Enclosed please find the original and three (3) Copies of your form OGC-1b "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure

UT-3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. FEE LAND <i>Dug</i> 090816
2. NAME OF OPERATOR Pennzoil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 290 Neola, Utah 84053		8. FARM OR LEASE NAME Lamicq-Urruty
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2141' FNL & 1820' FWL		9. WELL NO. 4-17A2
14. PERMIT NO. API 43-013-31190		10. FIELD AND POOL, OR WILDCAT BlueBell-Wasatch
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6129' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE NW Sec. 17, T1S, R2W
		12. COUNTY OR PARISH Duchesne
		13. STATE UT

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input checked="" type="checkbox"/> August Monthly Operations XXX		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *
- Finished running Logs at 12,750': DIL-GR, BHC-Sonic, FDC-CNL.
 - Ran 301 jts (12,775.38') 7 5/8", 29.7#, S-95/L-80/N-80/P-110, ST&C/BUTT.
 - Set and cemented the casing at 12,750' with 4280 sks of cement.
 - N/U BOP stack and test same to 5,000 Psi. Also tested the 7 5/8" casing to 5,000 Psi.
 - Drilled 15" of new hole (to 12,765') and pressure tested the casing seat and formation to leak off, 50# in 3 minutes. The formation test pressure was 15.5# equivalent mud weight.
 - At 6:00AM on 9-1-87: Drilling ahead at 14,796' with 12.6#-49Vis-6.6WL drilling fluid.

18. I hereby certify that the foregoing is true and correct
SIGNED *Wilburn L. Luna* TITLE *Office 801-353-4397*
Wilburn L. Luna Drilling Superintendent DATE *8-11-87*
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UT-5

*See Instructions on Reverse Side

RECEIVED
SEP 8 1987

DIVISION OF OIL

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

September 19, 1987

State of Utah, Dept of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Operations Reports For September 1987
Lamicq-Urruty No. 4-17A2
SEMW Section 17, T1S, R2W
Duchesne County, Utah

Gentlemen:

Enclosed please find the original and three (3) Copies of your form OGC-1b "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure

XC Pennzoil Company
Western Operations Manager
27th Floor
P.O. Box 2967
Houston, TX 77252-2967

OCT 2 1987

RECEIVED OF OIL
DIVISION

UT-3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. FEE LAND
2. NAME OF OPERATOR Pennzoil Company		6. IF INDIAN <u>10050</u> <u>alg</u>
3. ADDRESS OF OPERATOR P. O. Box 290 Neola, Utah 84053		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2141' FNL & 1820' FWL		8. FARM OR LEASE NAME
14. PERMIT NO. API 43-C13-31190		9. WELL NO. <u>1-1732</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6129' GR		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., or BLM AND SURVEY OR AREA Blue Bell Wasatch
		12. COUNTY OR PARISH <u>17 T1S R2W</u> <u>Duchesne</u> <u>UT</u>

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOT OR ACIDIZE ☐ABANDON* ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

(Other)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- Drilled to 15,000' w/12.6#-48 Vis- 7 WL drilling fluid.
- Ran DIL-Gr, Spectral-Density, BHC Sonic w/wave form logs.
- Ran 66 jts 5 1/2", 20#, S-95, FL 4S LINER. Set and cemented same from 14,998' to 12,544'.
- Ran CBL-CC.
- Tested liner top: Pressured liner top with 2,000Psi, no leak off.
On 2056Psi back flow test, no leak off.
- Displaced mud with 10.0# Brine waater.
- Released Rig @ 7:00PM on 9-19-1987.
- RDRT & MORT. Clean-up location & fill reserve pit. MICU.
- Pick up 2 7/8" tubing. At 7:00 AM on 10-1-87 waiting to perforate the Wasatch formation.

18. I hereby certify that the foregoing is true and correct

SIGNED

Wilbur L. Luna

TITLE

Office 801-353-4397

Drilling Superintendent

DATE

8-11-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UT-5

*See Instructions on Reverse Side

OCT 2 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
JUN 13 1988

DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Pennzoil Company Utah Acct. # M0705		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2967 Houston, TX 77252-2967		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Attached List of Wells		8. FARM OR LEASE NAME See Attached List
14. API NUMBER		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, GN, etc.)		10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont
		11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH Duchesne & Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Operator Name Change	<input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Change of operator name from Pennzoil Company to Pennzoil Exploration & Production Company, effective June 1, 1988.

See Attached List of wells

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
TAS	
2 - MICROFILM ✓	
3 - FILE ✓	

18. I hereby certify that the foregoing is true and correct

SIGNED George P. San Filippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICE OF NAME CHANGE
EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011	
5785	UTE ALOTTED 1-36Z2	1N 2W 36	4301330307	
5790	HORROCKS 1-6A1	1S 1W 6	4301330390	
5795	J YACK 1-7A1	1S 1W 7	4301330018	
5800	BASTAIN FEE #1	1S 1W 7	4301330026	
5805	CHASEL FLY DIAMOND 1-18A1	1S 1W 18	4301330030	
5810	STATE 3-18A1	1S 1W 18	4301330369	
5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTC ✓
5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250	
5825	LL PACK 1-33A1	1S 1W 33	4301330261	
5835	UTE 11-6A2	1S 2W 6	4301330381	
5836	UTE 2-7A2	1S 2W 7	4301331009	
5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017	
5845	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347	
5850	UTE 1-7A2	1S 2W 7	4301330025	
5855	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GRRV ✓
5860	STATE 1-10A2	1S 2W 10	4301330006	
5865	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012	
5870	L. BOREN 2-11A2	1S 2W 11	4301330277	
5875	KENDALL 1-12A2	1S 2W 12	4301330013	
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005	GRRV ✓
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316	GRRV ✓
5880	OLSEN 1-12A2	1S 2W 12	4301330031	
5885	L. BOREN 1-14A2	1S 2W 14	4301330035	GRRV ✓
5890	UTE 3-18A2	1S 2W 18	4301330125	
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147	
5900	L. BOREN 5-22A2	1S 2W 22	4301330107	
5905	L. BOREN 4-23A2	1S 2W 23	4301330115	
5910	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WSTC ✓
5920	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTC ✓
5925	UTE TRIBAL 10-13A4	1S 4W 13	4301330301	
5930	KARL SHISLER 1-3B1	2S 1W 3	4301330249	
5935	C B HATCH 1-5B1	2S 1W 5	4301330226	
5940	NORLING 1-9B1	2S 1W 9	4301330315	
5945	H.G. COLTHARP 1-15B1	2S 1W 15	4301330359	
5950	GEORGE MURRAY 1-16B1	2S 1W 16	4301330297	
5960	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSTC ✓
5965	DL GALLOWAY 1-14B2	2S 2W 14	4301330564	
5970	STATE PICKUP 1-6B1E	2S 1E 6	4304730169	WSTC ✓
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4301330036	
9770	SMITH 1-14C5	3S 5W 14	4301330980	
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912	
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134	
10615	HATCH 2-3B1	2S 1W 3	4301331147	
10616	NORLING 2-9B1	2S 1W 9	4301331151	
10679	ROBERTSON 2-29A2	1S 2W 29	4301331150	
10753	SHAW 2-27A2	1S 2W 27	4301331184	
10764	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulq - WSTC Cont.
10785	BOREN 3-11A2	1S 2W 11	4301331192	" " "
10794	LAMICQ 2-20A2	1S 2W 20	4301331191	" " "
	FRESTON 2-8B1	2S 1W 8	4301331203	CURRENTLY BEING DRILLED VA 43-013-31203
	SALERATUS WASH 1-17C5 SWD	3S 5W 17	4301399998	SALT WATER DISPOSAL WELL 43-013-30388 - GRRV
	ANDERSON 2-28A2 SWD	1S 2W 28	4304399992	SALT WATER DISPOSAL WELL 43-013-30346 - WNTA

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

Pennzoil Exploration and Production Company

3. ADDRESS OF OPERATOR

P.O. Box 2967, Houston, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2144' FNL & 1820' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-31190

DATE ISSUED

5/20/87

15. DATE SPUDDED

6/3/87

16. DATE T.D. REACHED

9/1/87

17. DATE COMPL. (Ready to prod.)

10/29/87

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6129' GR

19. ELEV. CASINGHEAD

6129.51

20. TOTAL DEPTH, MD & TVD

15,000

21. PLUG BACK T.D., MD & TVD

14,760

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

14,824-13,940

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

DNL, Spectral-Density Long space sonic, GR, CBL

27. WAS WELL CORED

yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	conductor	100'	24"		0
10-3/4"	40.5/45.5	4600'	14-3/4"	1900 sks	0
7-5/8"	29.7	12750'	9-7/8"	4280 sks	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	12,544	14,998	350 sks	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	13,600	13,600

31. PERFORATION RECORD (Interval, size and number)

see attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
see attached	

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/5/87		flowing						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1/14/88	24	32/64	→	383	250	0	653	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
100 psig		→	383	250	0			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Gary Gas Plant

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Ralph C. Wall

TITLE

DATE 6-30-88

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	7272 7277 7288 7293	7273 7280 7292 7296	Core #1 (7260-7301') Rec 40'
Green River			Core #2 (7375-7382.5) rec 6'
Green River	7516 7543	7517 7544	
DST #1	7142	7301	Time (min) Bottom Top
Green River			IHP 3413 3320
			2 IF 203-258 109-232
			90 ISI 3234 3125
			120 FF 258-502 232-452
			400 FSI 3179 3097
			FHP 3358 3278
DST #2	7408	7554	FF - GTS in 39 min/8' flare 64.1 MMCF/day
Green River			MISRUN

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	6870	
Mahogeny Bench	9007	
Tgr 3	10287	
Wasatch Red Beds	11880	
Base Red Beds	12920	
Trhee Fingered IM	14642	

5- FILE	3- MICROFILM	4- AST	2- TAS	1- DEPT'S	JF	GLH	R/F	GAS

WESTERN DIVISION

WORKOVER REPORT - WEEK OF JANUARY 9 THRU JANUARY 15, 1988

URRUTY 4-17A2
Duchesne County, Utah
Section 5 - 2S - 1W

1-13-88: MIRU. Made 14 swab runs. Recovered 150 BO, 0 BW. Well wouldn't flow. RD & MO. ECTD \$710.

1-14-88: Made 16 swab runs. Recovered 150 BO, 0 BW. SDFN. ECTD \$1,420.

DW-DUCHESNE-PZL-LAMICQ UPRITY 4-17A2
Section 17 - T1S - R2W - Loffland Rig #60
Total AFE Cost \$

12-06-87:MIRU pulling unit. Set tanks. Preparing to acidize.
ECTD \$1,951,438

12-07-87:RU Western Co. to acidize Wasatch perms. 13824-13940' with 10000 gal 15% HCl with standard additives and 280 l.l. S.G. ball sealers as follows: Caught pressure with 7 bbl. acid gone. Slugged with 20 ball sealers with 10 bbl. gone. Pumped acid to fmt. at 7 BPM at 9300 psi. Dropped slug of 40 ball sealers with 100 bbl. gone and 20 balls with 210 bbl. gone. Saw numerous moderate hits and breaks. Flushed with 87 bbl. 2% KCl water with fric reduc. Aver. rate and pres. 8.5 BPM at 9600 psi. Max rate and press. 9.4 BPM at 10000 psi with 60 bbl. flush gone. ISIP 5900 psi. 5 min SIP 3500 psi, 2300 psi RD Western. Opened well to test tank flowed 20 min. Swabbed well in with 7 runs. Recovered 31 BW. Flowed to test tank 111 B0 and 0 BW in 3.5 hours thru 2' lin at 50 psi - 125 psi. FTP. Installed 32/64 choke turned well to tank battery. Will report prod. 1 day late. ECTD \$1,972,853

12-08-87:Flowing 369 B0 and 25BW in 24 hours through 32/64" choke at 100 psi - 200 psi FTP. ECTD \$1,974,928

12-09-87:Flowed 334 B0 and 0BW in 24 hours through 32/64" choke at 150 psi FTP. ECTD \$1,974,928

12-10-87:RU Wellex to run production logs. Ran temp. fluid density, an pressure log. Attempted to run radioactive tracer survey. Tool failed. SIEN. Flowed 375 B0 and 14 BW in 24 hours through 32/64 choke at 150 psi. FTP. ECTD \$1,974,928.

12-11-87:Flowed 235 B0 and 1 BW in 24 hrs. thru 32/64 choke at 150 psi FTP.

12-12-87:Flowed 246 B0 and 0 BW in 24 hrs. thru 32/64 choke at 100 psi FTP.

12-13-87:Flowed 180 B0 and 1 BW in 24 hrs. thru 32/64 choke at 125 psi FTP. ECTD \$1,974,928.

12-14-87:Ru Wellex to finish prod. log. Ran spinner and tracer. Flowed 167 B0 and 0 BW in 24 hours on 32/64" choke at 125 psi. FTP.

DW-DUCHESNE-PZL-LAMICQ URRUM 4-17A2
Section 17 - T1S - R2W - Loffland Rig #60
Total AFE Cost \$

- 11-9-87: Flowed 208 BO and 0 BW in 12 hours through 32/64" choke @ 175 psi.
FTP. Down 12 hours. Waiting on gas hook up. ECTD \$1,931,653.00
- 11-10-87: Flowed 148 BO and 0 BW in 6 hours through 32/64" choke @ 200 psi.
FTP. Down 18 hours. Working on tank battery. ECTD \$1,931,653.00
- 11-11-87: Flowed 97 BO and 0 BW in 9 hours through 32/64" choke @ 200 psi.
FTP. Down 15 hours. Working on gas hook up. ECTD \$1,931,653.00
- 11-12-87: Left well SI while connecting electric service and dry gas line.
ECTD \$1,931,653.00
- 11-13-87: Flowed 276 BO and 0 BW in 20 hours on 32/64 choke at 125 psi, FTP.
- 11-14-87: Flowed 383 BO and 1 BW in 24 hours on 32/64 choke at 100 psi, FTP.
- 11-15-87: Flowed 287 BO and 0 BW, 144 MCF gas on 32/64 choke at 100 psi, FTP.
ECTD \$1,931,653.00
- 11-16-87: Flowed 255 BO and 0 BW in 24 hours on 32/64 choke at 50 psi, FTP.
ECTD \$1,931,653.00

DW-DUCHESNE-PZL-LAMICQ URRUTY 4-17A2
Section 17 - T1S - R2W - L and Rig #60
Total AFE Cost \$673,470.00

- 10-30-87: Perforate Stage II. RU NL McCullough. RIH and set CIBP at 14,760'. Dump bail 5 sx cement on CIBP with 2 runs. Perforate the following with 3 runs with 4 1/8" HSC casing guns, 2 SPF on 120 degrees phasing under full lubricator and grease injector: 13928 - 940 (13') 13918 - 922 (5') 13904 - 912 (9') 13884 - 894 (11') 13860 - 880 (21') 13834 - 856 (23') 13824 - 828 (5'). Total: 7 intervals; 87ft; 174 holes. Plotted perfs on Welex DIL of 9/2/87. Correlated with OWP GR-CCL of 10/9/87. PU and RIH with Guiberson Uni-packer V and set at 13,600'. After packer run had 100 psi on casing. SIFN. ECTD \$1,872,546.00
- 10-31-87: Hydrotesting tubing. Blew well down 45 minutes. Hydrotest in hole to 9000 psi with retrieving tool, seal assembly, 2.25 I.D. 'F' nipple and 380 joints 2 7/8" N-80 tubing. SIFN. ECTD \$1,874,026.00
- 11-1-87: Shut in for Sunday.
- 11-2-87: Finish hydrotesting in hole with remaining 52 joints tubing. Stung into packer at 13600' and landed tubing in 21000 lb. compression. ND BOP NU wellhead. Pump out expendable check valve at 3700 psi. Rig to swab. Swabbed well in with 10 swab runs. Flowed 433 B0 and 5 BW in 13 hours through 2" line at 25 psi to 100 psi. 24 hour rate: 800 BOPD. ECTD \$1,882,523.00
- 11-3-87: Flowed to test tank for 5 hours. Flowed 155 B0 and 0 BW in 5 hours through 2" line at 50 psi FTP. Install back pressure valve in tubing hanger. ND wellhead. NU BOP. RIH with 186 joints 2 1/16" tubing sidestring. ND BOP. NU wellhead. Set 50 KV generator to run trace pump and boiler feed. Start up steam generator and heater treater. SIFN. ECTD \$1,885,783.00
- 11-4-87: Press test well head to 5000 psi. Pumped plastic to seal. Test OK. Release BPV in tubing hanger. SITP 3150 psi. Connect production flow line. Circ heat trace with hot oiler to displace brine in annulus. Start up lease downhole heat trace. Install pressure recorder on tubing to record SITP. RD pulling unit. ECTD \$1,889,353.00
- 11-5-87: Complete pressure build up survey. Opened well to tank battery. Flowed 282 B0 and 0 BW in 12 hours through 32/64" choke @ 250 psi. FTP. ECTD \$1,889,353.00

DW-DUCHESNE-PZL-LAMICQ URRUTY 4-17A2
Section 17 - T1S - R2W - L and Rig #60
Total AFE Cost \$673,470.00

10-17-87:SI for weekend.

10-18-87:SI for weekend.

10-19-87:Continue swabbing. Initial fluid level 6400'. Swabbed down to 11,500 in 5 runs. Wait one hour between runs 5 through 11. Got 1000' entry per hour. Recovered 5 BO and 35 BW in 10 hours. SIFN. ECTD \$1,832,482.00.

10-20-87:14 hour SITP - 400 psi. Bled off gas and WIH with swab, hit fluid level at 8000'. Swabbed 8 hours, recovered 4 BO and 15 BW with show of gas. Approx. 500-1000' of fluid entry per hour at end of day (fluid level 10,500 - 10,900). SWIFN. ECTD \$1,832,482.00.

10-21-87:12 hour SITP - 400 psi. Continue swabbing. Initial fluid level 800 ft. Swabbed dwn to 11,500' in 3 runs. 100% oil first 3 runs. Waited 1 hour between runs 3 thru 9. Avg 1000'/hr entry. 95% wtr runs 4 thru 9. Recovered 4 BO and 15 BW in 9 hours. SIFN. ECTD \$1,834,782.00.

10-22-87:Continue swabbing. Initial fluid level 10,000'. Swabbed down to 11,500 ft. in 2 runs. Waited 1 hour between runs 2 through 9. Recovered 4 BO and 12 BW in 10 hours. SIFN. ECTD \$1,835,932.00.

10-23-87:Continue swabbing. Initial fluid level 10,500'. Made 7 swab runs. Waited 1 hour between runs. Recovered 3 BO and 12 BW in 8 hours. SIFN. ECTD \$1,837,032.00.

10-24-87:SI for weekend.

10-25-87:SI for Sunday.

10-26-87:Initial fluid level 8,000'. Swabbed down to 11,500' with 3 runs. Recovered 6 BO and 3 BW. ND wellhead. NU BOP. Sting out of packer and POOH with 400 jnts 2 7/8" N-80 8 rd tubing. SIFN. ECTD \$1,838,257.00.

10-27-87:POOH with remaining 71 jnts. 2 7/8" tubing and seal assembly. RIH with retrieving tool for Guiberson Uni Packer X on 2 7/8" tubing. Stung into packer repeatedly and worked tubing for 2 hours. Retrieving tool would not catch sheer lug. POOH with 140 jnts. 2 7/8" tubing. SIFN. ECTD \$1,839,962.00.

10-28-87:POOH with remaining 331 jnts, 2 7/8" tubing. Left retrieving tool in hole off E.O.T. RIH with 2nd retrieving tool on 471 joints, 2 7/8" tubing. Stung into packer at 14750'. Shear and release packer. POOH with 75 joints 2 7/8" tubing. SIFN. ECTD \$1,859,136.00.

10-29-87:POOH with remaining 396 jnts, 2 7/8" tubing. Complete with Guiberson Unipacker 'X' and tailpipe. SIFN. Will plug back and perf zone II in A.M. ECTD \$1,860,306.00.

10-11-87:POOH with remaining 230 joints 2 7/8" tubing, drill collars, bit and scraper. Will perforate in AM. SIFN. ECTD \$1,784,022.00.

10-12-87:RU oilwell perforators. RIH and perforate Wasatch formation thru the following intervals 2 SPF on 120 degree phasing with 3 1/8" HSC casing guns:

14952 - 958 (7')	14828' - 832' (5')
14928 - 938 (11')	14804' - 820' (17')
14854 - 870 (17')	14793' - 798' (6')
14840 - 844 (5')	

Total 7 intervals, 68 ft., 136 holes. Perforated in 3 runs. Plotted perfs. on Welox. DIL of 9/2/87, Correlated with OWP GR-CCL of 10/9/87. RIH and set on wireline Guiberson Uni-Packer X with millout extension, 1.87 I.D. "F" nipple and expendable check valve in place. Set packer at 14750'. POOH. RD OWP. RU hydrotester. Hydrotest in hole to 9000 psi with seal assembly, 2.25 I.D. "F" nipple, and 271 joints, 2 7/8" N-80 8rd tubing. SIFN. ECTD \$1,803,372.00.

10-13-87:Finish hydrotesting in hole with remaining 200 jnts 2 7/8" N-80 and L-80 tubing. Stung into packer and landed tubing in 25,000 lbs. compression. Pressure test annulus to 2000 psi. O.K. Dropped ball for expandable check valve. Waited 1 hour. Attempted to pump out. Check with rig pump at 5200 psi. Would not pump out. RU Dowell-Schlumberger. Install tree saver. Pump out expandable check valve at 5800 psi. Pumped 10 bbl. 10 ppg brine at 2.7 BPM at 6800 psi. RD Dowell-Schlumberger. Rigged to swab. Swabbed tubing down to 7600' in 6 runs. Recovered 66 bbl. brine water. SIFN. ECTD \$1,810,432.00.

10-14-87:Swabbing deep zone. Swab perfs. 14793 - 14958'. Initial fluid level 4500' (3100' entry overnight). Swabbed well down to 11,700' in 9 runs. Waited 1 hour between runs 9 through 12. 600' entry per hour. Recovered 0 BO and 52 BW in 10 hours. SIFN. Will acidize in the A.M. ECTD \$1,811,932.00.

10-15-87:RU Dowell-Schlumberger to acidize Wasatch perfs 14793-14958' with 5000 gal. 15% HCL. Installed tree saver. Pressure test lines. Caught pressure with 47 bbl. acid gone. Tree saver failed SD for 20 min. to replace cup. Resume, SD 3 times to replace tree saver cup & to install restricted I.D. tubing sub below tubing hanger. Resumed acid job. Stabilized at 8 BPM with 9400 psi with 74 bbl acid gone. Used 300 1.1 SG ball sealers for diversion. Flushed with 2% KCL water with 2 16/1000 gal fric reducer. Average rate & pressure: 8 BPM at 9300 psi. Max rate & pressure: 10 BPM at 9700 psi. ISIP: 7100 psi. 15 min. SIP: 6700 psi. RD Dowell-Schlumberger. Flowed back 50 BW in 30 min., rigged to swab. Swabbed down to 6000' in 11 runs. Obstructed by ball sealers. Recovered 132 BW in 5 hours. SIFN. 68 bbl load water to recover. ECTD \$1,829,332.00.

10-16-87:Swabbing back acid job. Initial fluid level 1900'. Swabbed down to 11,500 in 16 runs. Wait one hour between run 16 and 17, 500' entry in one hour. Recovered 2 BO and 72 BW. All load recovered. ECTD \$1,831,132.00.

DW-DUCHESNE-PZL-LAMICQ URRUTY 4-17A2
Section 17 - T1S - R2W Offland Rig #60
Total AFE Cost \$

- 9-17-87: TD 15,000'. (14,952' PBTD) On POH with RTTS. (Finished running CBL - TIH with RTTS and tested liner top with 2000 psi for 30 minutes with pressure drop - Displaced drill pipe with fresh water to 10,987' & reset RTTS - Back flow tested liner top for 3 hours with 2056 psi diff. - no flow back - now on POH with RTTS. 12# MW, 36 Vis, 11.6 WL. ECTD \$1,602,632.00
- 9-18-87: TD 15,000'. (14,952' PBTD) N/U BOP (Finish POH with RTTS, TIH with 4 11/16" mill & etc. - displaced mud with brine water treated for packer fluid - Lay down drill string - Start N/D BOP stack). 10# treated brine water. ECTD \$1,613,187.00
- 9-19-87: TD 15,000'. (14,952' PBTD) Cleaning out mud tanks. (Finished R/D of lay down machine, install 11" x 3000 psi x 7 1/16" x 5000 psi tubing spool & test same to 3000 psi. OK. Ran 1537.91' of 2 7/8" 8 rd EUE tubing for kill string and install x-mas tree, start cleaning steel mud pits. 10# treated brine water. ECTD \$1,626,934.00
- 9-20-87: TD 15,000'. (14,952' PBTD) RDRT. (Finish cleaning steel mud tanks & etc. Released rig @ 7:00 P.M. on 9-19-87 & start RDRT.) ECTD \$1,626,934.00
- 9-29-87: MIRU pulling unit. ND wellhead. NU BOP. POOH with 49 joints, 2 7/8" N-80 8rd tubing kill string. RIH with 5 1/2" casing scraper on 268 jnts, 2 7/8" tubing. SIFN. Back filling pit. ECTD \$1,777,435.00
- 9-30-87: RIH with remaining 145 jnts. 2 7/8" 6.5# N-80 8rd tubing. E.O.T. at 12,978'. POOH with 413 jnts 2 7/8" tubing and casing scraper. SIFN. ECTD \$1,778,535.00
- 10-1-87: SI. WOO. ECTD \$1,778,535.00
- 10-2-87: Continue dirtwork. ECTD \$1,778,535.00
- 10-3-87: SI for weekend. ECTD \$1,778,535.00
- 10-4-87: SI for Sunday. ECTD \$1,778,535.00
- 10-5-87: Shut in. WOO. ECTD \$1,778,535.00
- 10-6-87: Shut in. WOO. ECTD \$1,778,535.00
- 10-7-87: Shut in. WOO. ECTD \$1,778,535.00
- 10-8-87: Shut in. WOO. ECTD \$1,778,535.00

9-7-87: TD 15,000'. On TIH with 6 3/4" to clean out 7 5/8" casing to liner top. (Finished conditioning mud - hung 5 1/2" liner from 14,998' to 12,544' - Circ. & rotate liner - Howco cemented liner with 350 sacks of Cl. "H", 35% SSA, 1% CFR-3, 0.6% Halad 24, 0.2% Super CBL & 0.2% HR - 5 with full returns through out job & had no flow back. POH with liner setting tool. P/U BHA & 6 3/4" bit and start in hole). 5 1/2" liner: Ran 66 joints 2,453.67', 5 1/2", 20#, S-95, FL4S. Set and cemented same @ 14,988' to 12,544'. MW 12.6# WL 7.8 Vis 43. ECTD \$1,488,742.00

9-8-87: TD 15,000'. (14,952' PBTD - top of landing collar) Now circ. & condition mud @ 12,544' top of 5 1/2" liner. (Finish TIH - Tag cement @ 11,811' - drill cement from 11,811' to 12,544' - now circ. @ liner top). MW 12.2#, Vis 42, W.L. 13.2. ECTD \$1,494,435.00

9-9-87: TD 15,000'. (14,952' PBTD) Circulate and conditioning mud @ 14,952'. (Finished circ @ 12,544' top of liner. POH - P/U 4 5/8" mill & BHA - TIH and clean out liner to top of landing collar - 14,952'. Now circulating and conditioning mud.) MW 12.2# WL 12.2 Vis 39. ECTD \$1,499,668.00

9-10-87: TD 15,000'. (14,952' PBTD) On TIH with 4 5/8" mill & etc. (Finished conditioning mud - POH - Ran Welex's cement bond log from 12,570' to surface while holding 1,000 psi on 7 5/8" casing. P/U BHA and start holding 1,000 psi on 7 5/8" casing. - P/U BHA and start TIH). MW 12.2, Vis 44, WL 12.2. ECTD \$1,538,978.00

9-11-87: TD 15,000'. (14,952' PBTD) Running CBL in 5 1/2" liner. (Finished TIH - condition mud - POH - R/U and running CBL with Welex). MW 12.1, Vis 36, WL 12.1. ECTD \$1,544,911.00

9-12-87: TD 15,000'. (14,952' PBTD) P.O.H. with overshot and fish. (logging tool) MW 12.0, Vis 41, WL 11.8. ECTD \$1,550,539.00

9-13-87: TD 15,000'. (14,952' PBTD) P.O.H. with 4 1/2" magnet. Recovered 10 pieces of metal 1/4" thick x 1" x 1 1/4". MW 12.0, Vis 37, WL 11.6. ECTD \$1,555,672.00

9-14-87: TD 15,000'. (14,952' PBTD) Laying down fish (logging tool). MW 12.0, Vis 38, WL 11.6. ECTD \$1,566,256.00

9-15-87: TD 15,000'. (14,952' PBTD) On TIH with 4 5/8" magnet, junk basket & etc. (TIH with globe junk basket - reverse circ & dress off liner top @ 12,544'. POH with recovery. P/U junk basket & magnet with 4 5/8" O.D. skirt & start TIH). MW 11.8, Vis 37, WL 12.4. ECTD \$1,571,549.00

9-16-87: TD 15,000'. (14,952' PBTD) Rerunning CBL with Welex. The 5-1/2" liner was logged with no surface pressure and 1000 psi is being used in 7-5/8". Fin TIH w/4-5/8" CD magnet, circ, POOH recovered 3 pieces of metal, RU Welex, TIH w/WL guage ring and junk basket to 14,750' on obstruction, TIH w/DBL and started logging @ 14,700'. 12.1#MW, 38 Vis, 12 WL. ECTD \$1,582,163.00

8-24-87: TD 13,820'. Drilling 80% shale & 20% sandstone, 94' in 24 hours. 11# MW, 44 Vis, WL 6.2 \$1,279,498.00

8-25-87: TD 13,854'. Circulating & raising mud wt. (drilled for 9 hours, got @ 30 bbl. pit gain - started raising mud wt. to kill well. Limited fluid entry to wellbore. Could not get a stand pipe pressure reading - raised mud wt. from 11.0# to 12.2# and @ 6 A.M. Resumed drilling with 15 to 20' flare & 10,000 units of gas. Will continue to raise mud weight.) MW 12.2# WL 6.2 Vis 55. ECTD \$1,288,329.00

8-26-87: TD 13,934'. Drilling in shale, Made 80' in 24 hours while raising mud weight from 12.2 to 12.6#. MW 12.6# WL 8.0 Vis 43. ECTD \$1,308,449.00

8-27-87: TD 14,029'. Drilling in shale & sandstone. Made 95' in 24 hours. MW 12.5# WL 9.0 Vis 46. ECTD \$1,320,925.00

8-28-87: TD 14,025'. On RTCB, also checked BHA & BOP's. Made 1' in 1 hour. MW 12.5# WL 6.6 Vis 42. ECTD \$1,336,366.00

8-29-87: TD 14,159'. Drilling in shale & sandstone. Made 134' in 16 hours. MW 12.5# WL 6.6 Vis 47. ECTD \$1,353,935.00

8-30-87: TD 14,370'. Drilling in shale & limestone. Made 211' in 23 hours. MW 12.6# WL 6.6 Vis 53. ECTD \$1,359,772.00

8-31-87: TD 14,559'. Drilling in shale & sandstone. Made 189' in 20 hours. MW 12.6# WL 6.4 Vis 47. ECTD \$1,368,685.00

9-1-87: TD 14,796'. Drilling in shale, Limestone & sandstone. Made 237' in 24 hours. MW 12.6# WL 6.6 Vis 49. ECTD \$1,376,924.00

9-2-87: TD 15,000'. Now making wiper trip for logging for logging trip. Made 204' in 20 hours. MW 12.6# WL 7.0 Vis 48. ECTD \$1,384,449.00

9-3-87: TD 15,000'. On TIH to condition wellbore between log runs. MW 12.6# WL 7.4 Vis 48. ECTD \$1,391,623.00

9-4-87: TD 15,000'. On TIH to condition mud & wellbore for 5 1/2" production liner. (Finish TIH & condition wellbore for BHC - Sonic log - POH - Run log - now on POH. MW 12.6# WL 7.4 Vis 45. ECTD \$1,402,063.00

9-5-87: TD 15,000'. R/U Howco to circulate 5 1/2" liner to bottom, (Finish) in hole with bit - circulate and condition mud for liner - POH - P/U liner and TIH - P/U Howco Circ. head). MW 12.6# WL 7.4 Vis 46. ECTD \$1,434,109.00

9-6-87: TD 15,000'. Circulate and condition mud & wellbore for 24 hours. MW 12.6# WL 7.8 Vis 45. ECTD \$1,441,102.00

8-8-87: TD 12774'. Drilling with 6 3/4" insert bit, (Finish testing casing to 5000 psi and drill out. Drill 15' of open hole and test 7 5/8" casing seat and formation to leak off (eg. to 15.5 #) with 11.3# mud in wellbore and 2750 psi. Started drilling ahead). 11.3# MW, 43 Vis, WL 9.2 ECTD \$922,394.00

8-9-87: TD 12849'. Drilling. Made 74' in 24 hours. 11.2# MW, 48 Vis, WL 8.0 ECTD \$929,529.00

8-10-87: TD 12880'. Drill with Smith diamond bit. Made 32' in 8.5 hours. 11.2# MW, 45 Vis, WL 7.2 ECTD \$939,736.00

8-11-87: TD 12972'. Drilling. Made 98' in 24 hours. 11.1# MW, 41 Vis, WL 8.4 ECTD \$950,212.00

8-12-87: TD 12995'. Inspecting BHA on RTCB, made 23' in 12.5 hours & lost 300 bbls. Mud in Fractures @ 12,977', 11.1# MW, 43 Vis, WL 10 ECTD \$965,322.00

8-13-87: TD 13010'. Reaming to bottom with Diamond bit. (Finish inspecting BHA & POH. Diamond bit was 1/4" out of gauge. Rotating with mill tooth bit to clean junk out of wellbore. TIH with Diamond bit and now reaming to bottom). 11.1# MW, 45 Vis, WL 10.8 ECTD \$1,189,554.00

8-14-87: TD 13101'. Drilling, Made 91' in 20.5 hours. 11.1# MW, 42 Vis, WL 8.8 ECTD \$1,207,505.00

8-15-87: TD 13176'. Drilling. Made 75' in last 24 hours. 11.1# MW, 42 Vis, WL 7.6 ECTD \$1,213,813.00

8-16-87: TD 13224'. Drilling. Made 48' in last 24 hours. 11.1# MW, 42 Vis, WL 7.6 ECTD \$1,222,486.00

8-17-87: TD 13243'. Drilling. Made 19' in 13.5 hours & made RTCB. 11.1# MW, 43 Vis, WL 6.8 ECTD \$1,231,217.00

8-18-87: TD 13290'. Drilling. Made 47' in 24 hours in shale & sandstone. 11.1# MW, 43 Vis, WL 7.2 ECTD \$1,236,995.00

8-19-87: TD 13300'. Drilling with diamond bit. Made 10' in 2 hours in shale & sandstone. 11.1# MW, 43 Vis, WL 7.2 ECTD \$1,242,761.00

8-20-87: TD 13448'. Drilling in shale & sandstone. Made 148' in 24 hours. 11.1# MW, 45 Vis, WL 7.0 ECTD \$1,248,833.00

8-21-87: TD 13545'. Drilling in shale & sandstone. Made 97' in 24 hours. 11.1# MW, 48 Vis, WL 7.6 ECTD \$1,248,833.00

8-22-87: TD 13644'. Drilled in 90% shale & 10% sandstone, 99' in 24 hours. 11.1# MW, 47 Vis, WL 8.0 ECTD \$1,264,486.00

8-23-87: TD 13,726'. Drilled in 90% shale & 10% limestone, 82' in 23 hours. 11.1# NW, 45 Vis, WL 7.0 ECTD \$1,272,787.00

- 7-28-87: TD 12512'. Made 156' in 24 hours. Drilling in shale & sandstone. 11.2#, 45 vis. WL. ECTD \$725,649.00
- 7-29-87: TD 12648'. Made 136' in 24 hours. Drilling in shale & sandstone. 11.4#, 42 vis. 8.4 WL. ECTD \$732,212.00
- 7-30-87: TD 12750'. Made 102' in 19-1/2 hours. Making wiper trip shale & sandstone. 11.5#, 46 vis. 8.0 WL. ECTD \$740,438.00
- 8-1-87: TD 12750'. Circ. & cond. wellbore for 2nd set of logs. No hole in 24 hours. MW 11.5, Vis 43, WL 9.4. ECTD \$760,126.00
- 8-2-87: TD 12750'. On TIH to cond. mud & wellbore for 7 5/8" casing. Finish logging. MW 11.5, Vis 44, WL 8.0. ECTD \$796,930.00
- 8-3-87: TD 12750'. Running 7 5/8" intermediate. MW 11.4, Vis 42, WL 8.2. ECTD \$803,391.00
- 8-4-87: TD 12750'. Circ. thru D.V. tool for 2nd stage cement. (Finish in hole w/7 5/8" casing, circ., mix & pump 2105 sacks of cement on 1st stage w/no problems & bumped plug @ 12:43 AM on 8-4-87. Dropped bomb - opened D.V. tool & circ. out of thick mud - but no cement. Cut mud weight to 9.7# for 2nd stage cement.) MW 9.7, Vis 58, WL 15 ECTD \$812,201.00
- 8-5-87: TD 12750'. Testing BOP stack, (Finish circ for 2nd stage cement. Howco mixed & pumped 2nd stage cement with no problems & cement circulated to surface. N/U BOP on 7 5/8" casing & started testing same). MW 11.1, Vis 42, WL 9.0 ECTD \$886,907.00

Intermediate Casing Details

JTS.	O.D.	Wt.	Gr.	Conn.	Length	Top @
1	7 5/8	29.70	Guide Shoe	LT & C	1.55	12748.45
2	7 5/8	29.70	S-95	LT & C	88.19	12660.26
1	7 5/8	29.70	Float Collar	LT & C	2.00	12658.26
100	7 5/8	29.70	S-95	LT & C	4329.26	8329.00
1	7 5/8	29.70	Hall DV Tool	LT & C	3.20	8325.80
24	7 5/8	29.70	S-95	LT & C	1038.03	7287.77
119	7 5/8	29.70	N-80	LT & C	4998.25	2289.52
12	7 5/8	29.70	P110	LT & C	507.44	1782.08
1	7 5/8	29.70	P110	BuTTXLTC	34.85	1747.23
7	7 5/8	29.70	P110	Buttress	260.40	1486.83
6	7 5/8	29.70	L-80	Buttress	253.28	1233.55
28	7 5/8	29.70	N-80	Buttress	1225.09	Surface

- 8-6-87: TD 12750'. P/U 3 1/2" D.P. (Finished testing BOP's, P/U BHA & start in hole. Picking up 3 1/2" D.P.) MW 11.1, Vis 45, WL 9.6 ECTD \$896,256.00
- 8-7-87: TD 12750'. Circulate @ top of float collar. (P/U 3 1/2" DP to D.V. tool and test with 5000 psi - Drill D.V. Tool and test with 5000 psi. P/U 3 1/2" to top of float collar and start circulating.) 11.3# MW, 40 Vis, WL 8.0 ECTD \$907,272.00

7-18-87: TD 10972'. Made 361' in 24 hours. Drilling in sand limestone & shale. 8.8#, 16.6 vis. 16.6 WL. ECTD \$626,055.00
DC Exponent @ 10,550 - 1.95

10,660 - 1.93
10,650 - 1.92
10,700 - 1.90
10,750 - 1.95
10,800 - 1.93
10,850 - 1.93
10,900 - 1.96
10,950 - 1.97

7-19-87: TD 11188'. Made 216' in 16.5 hours. Drilling in sand limestone & shale. 8.9#, 37 vis. 14.0 WL. 1 3/4" @ 11188'. ECTD \$633,139.00
DC Exponent @ 10,950 - 1.97

11,000 - 1.99
11,050 - 1.92
11,100 - 1.96
11,150 - 1.97

7-20-87: TD 11334'. Made 146' in 12.5 hours. Drilling in sand limestone & shale. 8.9#, 36 vis. 18.0 WL. ECTD \$638,431.00
DC Exponent @ 11,200 - 2.02

11,250 - 1.91
11,300 - 1.93

7-21-87: TD 11585'. Made 251' in 24 hours. Drilling in sandstone, limestone & shale. 9.1#, 38 vis. 15.2 WL. ECTD \$647,288.00
DC Exponent @ 11,350 - 1.93

11,400 - 1.99
11,450 - 2.01
11,500 - 2.00
11,550 - 2.06

7-22-87: TD 11683'. Made 98' in 13 hours. Drilling in sandstone, limestone & shale. 9.1#, 37 vis. 16.8 WL. 1" @ 11,618'. ECTD \$656,486.00
DC Exponent @ 11,550 - 2.06

11,600 - 2.12
11,650 - 2.10

7-23-87: TD 11860'. Made 177' in 21.5 hours. On POH for hole in drill string. 9.6#, 42 vis. 12.4 WL. ECTD \$672,691.00

7-24-87: TD 12002'. Made 142' in 13.5 hours. Drilling in shale & sandstone. 10.2#, 42 vis. 10.4 WL. ECTD \$681,703.00

7-25-87: TD 12170'. Made 168' in 22 hours. Drilling in shale & sandstone. Lost 400 bbls. mud in last 24 hours. 10.9#, 37 vis. 8.4 WL. ECTD \$698,979.00

7-26-87: TD 12295'. Made 125' in 19 hours. On RTCB & lost 660 bbls. mud in last 24 hours. 11.1#, 38 vis. 12.4 WL. ECTD \$705,658.00

7-27-87: TD 12356'. Drilling in shale & sandstone & lost 0.0 bbls. mud in last 24 hours. 11.1#, 45 vis. 10.0 WL. 1" @ 12,273'. ECTD \$715,399.00

- 7-4-87: TD 7382'. Unloading core #2 from core bbl, cored 7' in 2 hours, 9.0#, 38 vis, 8.0 WL (drilled to 7375', circ for core No.2 - POH - P/U corehead & etc, TIH, & cut 7' of core - inner bbl backed off - core head grooved out junk in hole - pull out of hole w/core #2 cut 7', recovered 6' for 85.7% recovery, now unloading core bbl.) ECTD \$486,344.00
- 7-5-87: TD 7500'. On TIH for core #3, drill 118' in 7.5 hours, 9.0#, 41 vis, 9.6 WL (finish w/core #2 - stand back core bbl, P/U bit & TIH, ream out core hole & drilled to 7500'. Circ. out, POH, P/U corehead & bbl, now on TIH to cut core #3). ECTD \$494,990.00
- 7-6-87: TD 7551'. Cutting core NO.3, 51'in 22 hours. Sand & shale, 9.1#, 41 vis, 9.2 WL (Finish in hole w/core bbl. & cut core from 7500' to 7551'). ECTD \$500,896.00
- 7-7-87: TD 7554'. On POH for DST #2, Cored 4' in 1 hour, 8.8#, 45 vis, 9.6 WL. (Finish cutting core #3 & POH. Core bit groved w/pyrite - cut 54' of core & recovered 52.2' for 96.6% recovery, TIH w/bit, ream out core hole, now on POH for DST #2). ECTD \$511,001.00
- 7-8-87: TD 7622'. Made 68' in 3.5 hours. Drilling in shale & sand. 8.9#, 40 vis, 10 WL. ECTD \$519,001.00
- 7-9-87: TD 8014'. Made 392' in 18.5 hours. On POH for hole in drill string. 8.6#, 30 vis, 16 WL. 1° @ 7750'. ECTD \$529,273.00
- 7-10-87: TD 8375'. Made 361' in 14 hours. Drilling in shale & dolomite. 8.5#, 28 vis. ECTD \$538,723.00
- 7-11-87: TD 8918'. Made 543' in 21.5 hours. Drilling in shale & sand. 8.5#, 26 vis. 1 1/2° @ 8732'. ECTD \$552,982.00
- 7-12-87: TD 9188'. Made 270' in 12 hours. Roundtrip in hole for drillstring. 8.4#, 26 vis. ECTD \$560,692.00
- 7-13-87: TD 9618'. Made 430' in 17.5 hours. RTCB. 8.4#, 26 vis. 2° @ 9228'. ECTD \$571,934.00
- 7-14-87: TD 9920'. Made 302' in 17 hours. Drilling in shale & sand. 8.4#, 26 vis. ECTD \$580,518.00
- 7-15-87: TD 10133'. Made 213' in 14 hours. RTCB & inspect BHA. 8.6#, 30 vis. ECTD \$587,434.00
- 7-16-87: TD 10428'. Made 295' in 17.5 hours. Drilling in sand & shale. 8.6#, 32 vis. 19.8 WL. ECTD \$606,661.00
- 7-17-87: TD 10611'. Made 183' in 14.5 hours. Drilling in sand & shale. 8.7#, 33 vis. 20.0 WL. ECTD \$612,645.00

- 6-26-87: TD 6415'. Made 578' in 22.5 hours. Drilling in sand and shale. Fresh water. 1 degrees - 5894'. ECTD \$410,300.00
- 6-27-87: TD 6818'. Made 403' in 16.5 hours. On RTCB - now checking BHA. Fresh water. 1/4 degrees @ 6426', 3/4 degrees @ 6681', 1 degrees @ 6774'. ECTD \$423,450.00
- 6-28-87: TD 7078'. Made 260' in 12.5 hours. Drilling in shale & bentonite. Fresh water. 1/2 degrees @ 6869', 1 1/4 degrees @ 6996'. ECTD \$432,240.00
- 6-29-87: TD 7220'. Made 142' in 9.5 hours. Drilling in shale & limestone. Now circ. bottoms up @ 7220'. (Drilled to 7150' w/fresh water & mudded up for core & DST - since mud-up, rig has been on day work, now drilling & circ. samples, looking for core point.) ECTD \$439,789.00
- 7-1-87: TD 7301'. On POH w/core No.1, cut 31' of core in 22 hours (continued cutting core #1 until coring rate went to 75 minutes/foot. - Now on POH). Quit coring in 60% sandstone & 40% shale, Fresh water, mud 8.9#, 60 vis, 7 WL. ECTD \$465,139.00
- 7-2-87: TD 7301'. Made 0.0 in 0.0 hours. Picking up test head for DST #1 (Finish POH & lay down core #1 cut 41.3' & recovered 40.3' for 97.5% recovery - due timing - TIH & ream out core hole & condition mud. POH, P/U test tools & TIH for DST #1, now on P/U of test head, 8.9#, 44 vis, 8 WL & PU/YP 15/9. ECTD \$471,220.00
- 7-3-87: TD 7349'. Made 48.3' in 3 hours. Drilling @ 7349' in shale & sand. 8.7#, 45 vis, 8.4 WL (P/U test head & set packers for DST #1 - see attachment - POH w/DST tools - P/U bit & BHA. - TIH and start drilling). ECTD \$480,658.00

Drill Stem Test #1 - 7-2-87 - Testing Company: Halliburton - Interval: 7142-7301 - Formation: Green River - Flow Description: (Pre) Flow (2 min) open w/ 1" blow increased to 8" after 2 min. Initial Shut-in (90 min) decreased to 4" after 30, dead after 75 min. Final flow (120 min) open w/6" blow, 9.5 psi @ 4 min, 33 psi @ 16 min, 56 psi @ 28 min, gas to surface @ 39 min, 64 psi on 24/64" choke @ 40 min, 52 psi on 24/64" choke @ 45 min, 38 psi on 24/64" choke @ 115 min - 10' flare. Final Shut-In (400 min) flare dead after 75 minutes. Water cushion: 0 feet. Rathole Mud (mud volume below packers 6:5 bbls). 530' of D.C. .000142 bbls per ft. 850' of D.C. .0178 bbls per ft. - Drill string recovery (in ft & bbls.) 1380' (15 bbls) total recovery, 390' (7 bbls) gas cut mud, 990' (8 bbls) slightly oil cut water with very fine grain sand. Sample chamber recovery: salt water 970 cc; and 150,000 PPM, gas 126 Sft³; H₂S none, 000 PPM Pressure: 2500 PSI and BHT: 122 °F, Drill Pipe: .14 @ 79 °F 84,000 PPM - Sample Chamber: .1 @ 71 °F 150,000 PPM - Pit: 3.4 @ 69 °F 2,000 PPM - Drill Pipe: 2.4 @ 79 °F 3,000 PPM -

	Top Bomb	Bottom
Btm. bomb: Initial Hydrostatic.....	3320	3413 bottom
2 minute pre-flow.....	109 - 232	203-258
90 minute shut-in.....	3125	3234
120 minute Final Flow.....	232 - 452	258 - 502
400 minute Final Shut-in.....	3097	3179
Final Hydrostatic.....	3778	3358

DW-DUCHESNE-PZL-LAMICQ UPRUTY 4-17A2
Section 17 - T1S - R2W - Offland Rig #60
Total AFE Cost \$

- 6-9-87: TD 100' Rigging up. Corrected spudded time 12:00 P.M. 6-3-87 ECTD \$6920.00
- 6-10-87: RURT. Finished cleaning out cave-in from reserve pit. Also lowered slope on uphill cut where it had slipped downhill. ECTD \$6920.00
- 6-11-87: Continued w/RURT. 70% completed. ECTD \$6920.00
- 6-12-87: RURT. ECTD \$19,940.00
- 6-13-87: TD 158'. Made 48.5' in 1.5 hours. Fresh water. Spudded at noon on 6-13-87. Started drilling at 2 AM on 6-13-87. G.L. 6128' K.B. elev. at 6151'. ECTD \$27,314.00
- 6-16-87: TD 2818'. Made 873' in 23 hours. Drilling sand and shale. Fresh water. ECTD \$159,626.00
- 6-17-87: TD 3430'. Made 612' in 22 hours. Drilling sand and shale. Fresh water. ECTD \$173,826.00
- 6-18-87: TD 3834'. Made 404' in 19 hours. Drilling sand and shale. Fresh water. ECTD \$184,520.00
- 6-19-87: TD 4265'. Made 431' in 23 hours. Drilling sand and shale. Fresh water. ECTD \$195,211.00
- 6-20-87: TD 4595'. Made 330' in 23 hours. 9# and 28 vis. Fresh water. Mud, drilling in sand and shale. ECTD \$204,279.00
- 6-21-87: TD 4600'. Made 5' in 1.5 hours, 9# and 30 vis. Fresh water. Mud, drilling in sand and shale. (drilled to casing point - made wiper trip & ran 112 jnts 10 3/4", 40.5/45.5#, K-55, ST&C/Buttress casing - set & cemented @ 4600'.) ECTD \$204,279.00
- 6-22-87: TD 4600'. Made 0' in 0.0 hours, Fresh water on BOP nipple. (Finished cementing w/B.J. 1600 sks B.J. life and tail-in w/300 sks Cl. 'G'. Circ. 180 bbls cement. Cement fell back - re-cement thru 1" @ 100' w/150 sks. CL. 'G'. WOC - Made cut-off- weld on 11" x 3000 psi OCT. Type C-22 weld head and test w/1,000 psi. O.K. Now on BOP N/U). ECTD \$204,279.00
- 6-23-87: TD 4608'. Made 8' in .5 hours, Finish N/U & test BOP's to 3000 psi, test 10 3/4" casing to 2100 psi, drill out float equipment & start drilling. Fresh water. ECTD \$363,123.00
- 6-24-87: TD 5177'. Made 569' in 19.5 hours. Drilling in sand and shale, 3/4 degrees at 4799' & 3/4 degrees at 4891'. Fresh water. ECTD \$378,587.00
- 6-25-87: TD 5837'. Made 660' in 23 hours. Drilling in sand and shale. Fresh water. 3/4 degrees - 5417'. (Drilled to 4615 & tested formation & 10 3/4" casing seat to 1460 psi, 14.5# eq. mud wt.) ECTD \$394,375.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Pennzoil Exploration and Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P O Box 2967, Houston, TX 77252		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2144' FNL & 1820' FWL		8. FARM OR LEASE NAME Lamico Hrruty
14. PERMIT NO. 43-013-31190		9. WELL NO. 4-17A2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6129 GR		10. FIELD AND POOL, OR WILDCAT Bluebell
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec 17, T1S, R2W
		12. COUNTY OR PARISH Duchesne
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PCLL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

~~SHOOTING OR ACIDIZING~~ ACIDIZING

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other) perf additional Wasatch pay

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- Clean out to 14700' and repair any casing leaks.
- Perforate additional Wasatch pay from approximately 13940-14600'.
- Acidize all open Wasatch perms from approximately 12756-14600' with 50,000 Gallons 7-1/5% HCL with CO2.
- Install appropriate lift system.

OIL AND GAS	
DRN	RJF
1-JRB	GLH
DTS	SLS
2-TAS	
3- MICROFILM	
4- FILE	

Jess Dullnig
5/12/89

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Supervising Engineer

DATE 5-24-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

See attached.

TITLE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12-4-89

*See Instructions on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR WELL WORKOVER

Pennzoil Exploration and Production Company
Lamicq Urruty #4-17A2 Well
Section 17, T. 1S, R. 2W
Duchesne County, Utah
December 4, 1989

Reference document: Sundry notice dated May 24, 1989, received by DOGM
November 27, 1989.

1. Upon completion of the workover, the operator shall submit a complete subsequent notice of the work performed including a description of the intervals open in the wellbore.

OI58/125

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR Pennzoil Exploration and Production Company 3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2144' FNL & 1820' FWL 14. PERMIT NO. 43-013-31190		5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Janicq Urruty 9. WELL NO. 4-17A2 10. FIELD AND POOL, OR WILDCAT Bluebell 11. SEC., T., R., M., OR BLM. AND SURVEY OR ABBA Sec 17, T1S, R2W 12. COUNTY OR PARISH Duchesne 13. STATE Utah
15. ELEVATIONS (Show whether OF, BY, OR, etc.) 6129 GR		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	RECOMPLETION ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>perf additional Wasatch pay</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Summary of Workover from 12/29/89 to 2/8/90

1. MI and RU pulling unit. POH with tbg and cleaned out down to 14,690'.
2. Tested all casing above 12,660' to 1500 psi. Held OK.
3. Perf from 13,036' to 14,634' (129', 258 holes) and acidized perfs 12,756' to 14,634' with 50,000 gals 7-1/2% HCL with CO₂.
4. Set CIBP at 12,730' and perforated from 11,700' to 12,698' (207', 414 holes).
5. Set 7-5/8" permanent packer at 11,500'.
6. Left well plowing approximately 150 BOPD & 210 BWPD. RD pulling unit. Job complete.

Jess Dullnig
2/12/90

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Supervising Engineer

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
ETAS	
12-13-90	
2-	MICROFILM
3-	FILE

STATE OF UTAH
DEPARTMENT OF NATURAL
RESOURCES
DIVISION OF OIL, GAS &
MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

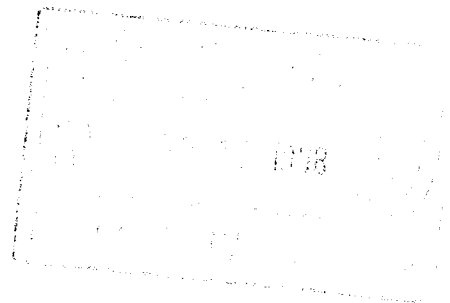
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator Pennzoil Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Drawer 10 Roosevelt, UT 8 4 0 66 (8 0 1) 722-6202	7. If unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2144' FNL and 1820'FWL of Section 17, T1S, R2W	8. Well Name and No. URRUTY 4-17A2
	9. API Well No. 43-013-31190-00
	10. Field and Pool, or Exploratory Area Altamont- Wasatch
	11. County or Parish, State Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>REPLACE ROD STRING</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Work done from 4/1/97 to 4/3/97
POOH laid down old rods.
Pick up and RIH w/ new norris rods.
Put well on production



14. I hereby certify that the foregoing is true and correct

Signed <u>E.R. Bastian</u>	Title <u>Senior lease operator.</u>	Date <u>8-Jan-98</u>
----------------------------	-------------------------------------	----------------------

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Tax credit 3/98.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5- JK ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective:

04-01-2000**FROM:** (Old Operator):

PENNZOIL COMPANY

Address: P. O. BOX 290

NEOLA, UT 84053

Phone: 1-(435)-353-4121

Account No. N0705

TO: (New Operator):

DEVON ENERGY EXPL & PROD CO LLC

Address: 20 NO. BROADWAY STE 1500

OKLAHOMA CITY, OK 73102-8260

Phone: 1-(405)-235-3611

Account N1275

CA No.

Unit:

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
DUNCAN 4-2A2	43-013-31276	11258	02-01S-02W	FEE	GW	P
MECCA 2-8A2	43-013-31231	10981	08-01S-02W	FEE	OW	P
HAMBLIN 3-9A2	43-013-31278	11094	09-01S-02W	FEE	GW	P
SUNDANCE 4-15A2	43-013-31333	11269	15-01S-02W	FEE	OW	P
LAMB 2-16A2	43-013-31390	11487	16-01S-02W	FEE	OW	S
LAMICQ URRITY 4-17A2	43-013-31190	10764	17-01S-02W	FEE	OW	P
LAMICQ 2-20A2	43-013-31191	10794	20-01S-02W	FEE	OW	P
LORANGER 6-22A2	43-013-31334	11335	22-01S-02W	FEE	OW	P
LABRUM 2-23A2	43-013-31393	11514	23-01S-02W	FEE	OW	P
LORANGER 2-24A2	43-013-31322	11244	24-01S-02W	FEE	OW	P
SHAW 2-27A2	43-013-31184	10753	27-01S-02W	FEE	OW	P
WISSE 3-35A2	43-013-31215	10925	35-01S-02W	FEE	OW	P
COX 2-36A2	43-013-31335	11330	36-01S-02W	FEE	OW	P
HATCH 2-3B1	43-013-31147	10615	03-02S-01W	FEE	OW	P
BAR F 2-5B1	43-013-31286	11113	05-02S-01W	FEE	OW	P
FRESTON 2-8B1	43-013-31203	10851	08-02S-01W	FEE	OW	P
NORLING 2-9B1	43-013-31151	10616	09-02S-01W	FEE	OW	P
EDWARDS 3-10B1	43-013-31332	11264	10-02S-01W	FEE	OW	P
POWELL 2-16B1	43-013-31820	12342	16-02S-01W	FEE	OW	P
CHAPMAN 2-4B2	43-013-31378	11485	04-02S-02W	FEE	OW	P
PEARSON 2-11B2	43-013-31356	11359	11-02S-02W	FEE	OW	P
SMITH 2-9C5	43-013-31321	11245	09-03S-05W	FEE	OW	P
BALLARD 2-15B1	43-047-32351	11476	15-02S-01W	FEE	OW	S

OPERATOR CHANGES DOCUMENTATION1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

04/20/2000

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

04/20/2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/12/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/16/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 10/16/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/16/2000
3. Bond information entered in RBDMS on: _____
4. Fee wells attached to bond in RBDMS on: _____

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: _____

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: YES
2. The **FORMER** operator has requested a release of liability from their bond on: 09/26/2000
The Division sent response by letter on: 10/03/2000
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/17/2000

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.2.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: As per the attached spreadsheet.

LEASE NUMBER: _____

and hereby designates

NAME: Devon Energy Production Company, L.P.

ADDRESS: 20 North Broadway, Suite 1500, Oklahoma City, OK 73102-8260

as his agent ☐/operator ☒, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.)

See attached spreadsheet.

Note: Please use April 1, 2000 as the starting date for production reporting purposes.

RECEIVED

APR 20 2000

DIVISION OF
OIL, GAS AND MINING

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: January 1, 2000

BY: (Name) R. D. Clark

(Signature) 

(Title) Vice President

(Phone) 405-235-3611

OF: (Company) PennzEnergy Exploration and Production Company, L.L.C.

(Address) 20 North Broadway, Suite 1500

Oklahoma City, OK 73102-8260



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

FEB 17 2000

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
U-0575A et al
(UT-932)

FEB 16 2000

NOTICE

Devon Energy Production Company L.P.	:	Oil and Gas
20 North Broadway, Suite 1500	:	U-0575A et al
Oklahoma City, Oklahoma 73102-8260	:	

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511
U-0143512

U-4377
U-4378

UTU-67943

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit

cc: Vernal Field Office (w/encl.)
Moab Field Office (w/encl.)
MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.)
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)
Teresa Thompson (UT-931) (w/encl.)
Irene Anderson (UT-932) (w/encl.)
LaVerne Steah (UT-942) (w/encl.)

Exhibit of Leases

U-0575A	U-0141459	U-4377
U-01188B	U-0143511	U-4378
U-016654	U-0143512	U-16131
U-0115614A	U-0144868A	U-31262
U-0115615	U-3099	U-44426
U-0126825	U-3575	UTU-67943
U-0141454	UTU-74888	

Communitization Agreements

U-58774	U-58835	U-60827
U-58799	U-58839	U-60831
U-58830	U-58844	U-68998
U-58834	U-58854	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-4377
UTU-66485
(UT-932)

MAR 26 1999

NOTICE

PennzEnergy Exploration and Production L.L.C. : Oil and Gas
P.O. Box 2967 :
Houston, TX 77252-2967 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENE J. ANDERSON

Irene J. Anderson
Acting Group Leader,
Minerals Adjudication Group

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-0115615 et al
(UT-932)

MAR 26 1999

NOTICE

PennzEnergy Company
P.O. Box 2967
Houston, TX 77252-2967

Oil and Gas

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENE J. ANDERSON

Irene J. Anderson
Acting Group Leader,
Minerals Adjudication Group

Enclosure
Exhibit

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)

Devon Energy Production Company, L.P.

Certificate of Merger

FILED

DEC 30 1999

**OKLAHOMA SECRETARY
OF STATE**

TO: The Oklahoma Secretary of State
101 State Capitol
Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

1. The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

<u>Name of Organization</u>	<u>Type of Organization</u>	<u>Jurisdiction of Formation</u>
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.

3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

4. The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.

5. The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.

6. A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

RECEIVED

MAR 13 2000

DIVISION OF
OIL, GAS AND MINING

DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C.
General Partner

By: J. Larry Nichols
J. Larry Nichols, Manager

RECEIVED

MAR 13 2000

DIVISION OF
OIL, GAS AND MINING

LD 635381-001

OFFICE OF THE SECRETARY OF STATE



CERTIFICATE OF MERGER

WHEREAS,

DEVON ENERGY PRODUCTION COMPANY, L.P.

a limited partnership organized under the laws of the State of OKLAHOMA, has filed in the office of the Secretary of State duly authenticated evidence of a merger whereby said limited partnership is the survivor, as provided by the laws of the State of Oklahoma.

NOW THEREFORE, I, the undersigned Secretary of State of Oklahoma, by virtue of the powers vested in me by law, do hereby issue this Certificate evidencing such merger.

IN TESTIMONY WHEREOF, I hereunto set my hand and cause to be affixed the Great Seal of the State of Oklahoma.

Filed in the City of Oklahoma City this 30TH
day of DECEMBER, 1999.

Mike Hunter

Secretary of State

By:

Brian Deane

RECEIVED

APR 20 2000

DEVON ENERGY PRODUCTION COMPANY, L.P.**DIVISION OF
OIL, GAS AND MINING****UTAH PROPERTIES**

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
28	4301330297	GEORGE MURRAY 1-16B1	SENE-16-2S-1W	DUCHESNE	BLUEBELL	
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SENE-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SENE-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NENE-18-1S-1W	DUCHESNE	BLUEBELL	9C142
33	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	
34	4301330807	MARGUERITE 2-8B2	SENE-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENE-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SENE-3-2S-1W	DUCHESNE	BLUEBELL	
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
46	4301331190	LAMICQ URRUTY 4-17A2	SENE-17-1S-2W	DUCHESNE	BLUEBELL	
47	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

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DEVON ENERGY PRODUCTION COMPANY, L.P.
UTAH PROPERTIES

DIVISION OF
OIL, GAS AND MINING

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
55	4301331238	SHERMAN 2-12B2	SWSE-12-2S-2W	DUCHESNE	BLUEBELL	9690
56	4301331245	MILES 7-7B3	SWNW-7-2S-3W	DUCHESNE	ALTAMONT	9675
57	4301331276	DUNCAN 4-2A2	NESE-2-1S-2W	DUCHESNE	BLUEBELL	
58	4301331278	HAMBLIN 3-9A2	SENE-9-1S-2W	DUCHESNE	BLUEBELL	
59	4301331285	DUNCAN 3-7A1	NWNW-7-1S-1W	DUCHESNE	BLUEBELL	
60	4301331286	BAR F 2-5B1	SWSE-5-2S-1W	DUCHESNE	BLUEBELL	
61	4301331299	CORNABY 2-14A2	NENE-14-1S-2W	DUCHESNE	BLUEBELL	NW498
62	4301331317	MITCHELL 2-4B1	SESW-4-2S-1W	DUCHESNE	BLUEBELL	9662
63	4301331321	SMITH 2-9C5	SWSW-9-3S-5W	DUCHESNE	ALTAMONT	
64	4301331322	LORANGER 2-24A2	N/2NE-24-1S-2W	DUCHESNE	BLUEBELL	
65	4301331325	UTE 2-6B3	SWSW-6-2S-3W	DUCHESNE	ALTAMONT	1420H621858 / 9651
66	4301331326	MCELPRANG 2-30A1	SWSW-30-1S-1W	DUCHESNE	BLUEBELL	NW625
67	4301331327	SMITH 2-7C5	NESW-7-3S-5W	DUCHESNE	ALTAMONT	1420H622389
68	4301331328	SMITH 2-18C5	SWSE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
69	4301331329	UTE 2-24A3	SWNW-24-1S-3W	DUCHESNE	BLUEBELL	1420H621761
70	4301331330	UTE 5-19A2	NWNW-19-1S-2W	DUCHESNE	BLUEBELL	1420H621751
71	4301331332	EDWARDS 3-10B1	SWSW-10-2S-1W	DUCHESNE	BLUEBELL	
72	4301331333	SUNDANCE 4-15A2	SWNE-15-1S-2W	DUCHESNE	BLUEBELL	
73	4301331334	LORANGER 6-22A2	SWSW-22-1S-2W	DUCHESNE	BLUEBELL	
74	4301331335	COX 2-36A2	NWNW-36-1S-2W	DUCHESNE	BLUEBELL	
75	4301331338	SMITH 2-6C5	SESW-6-3S-5W	DUCHESNE	ALTAMONT	1420H622388 / UTU70553
76	4301331341	FRESTON 2-7B1	SENE-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
77	4301331356	PEARSON 2-11B2	SENE-11-2S-2W	DUCHESNE	BLUEBELL	
78	4301331378	CHAPMAN 2-4B2	SWNW-4-2S-2W	DUCHESNE	BLUEBELL	
79	4301331390	LAMB 2-16A2	NENE-16-1S-2W	DUCHESNE	BLUEBELL	
80	4301331393	LABRUM 2-23A2	SWSW-23-1S-2W	DUCHESNE	BLUEBELL	
81	4301331820	POWELL 2-16B1	NENE-16-2S-1W	DUCHESNE	BLUEBELL	

DEVON ENERGY PRODUCTION COMPANY, L.P.
UTAH PROPERTIES

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
82	4304730164	ROBERTSON UTE ST 1-12B1	SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
83	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	
	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	96107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE	BLUEBELL	
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL	

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APR 20 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: LAMICQ-URRITY 4-17A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2144 FNL 1820 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 01.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013311900000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/25/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex;"> <div style="flex: 1;"> <p>Devon intends on perforating, acidizing and testing the Lower Green River from 11,421 - 11,655'. If initial results show a favorable oil cut, then we will proceed with frac, put well on pump & commingle with existing Wasatch producing intervals. Attachment: well history & procedure.</p> </div> <div style="flex: 0.5; text-align: center; color: red; font-weight: bold;"> <p>Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>September 25, 2012</u></p> <p>By: <u><i>D. K. Duff</i></u></p> </div> </div>		
NAME (PLEASE PRINT) Deanna Bell		PHONE NUMBER 435 353-5780
SIGNATURE N/A		TITLE Senior Field Technician
DATE 9/14/2012		

DEVON ENERGY PRODUCTION COMPANY
LOWER GREEN RIVER RECOMPLETION PROCEDURE
LAMICQ UURUTY 4-17A2
SENW SECTION 17, T1S, R2W
BLUEBELL/ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

OBJECTIVE:

Perforate, acidize, and flowback Lower Green River interval to determine potential success for hydraulic fracture stimulation of the same interval. If initial results show a favorable oil cut proceed with frac, put well back on pump, and commingle with existing Wasatch producing intervals.

JUSTIFICATION:

The Lamicq Urruty 4-17A2 was originally completed in the Wasatch in 1987. The lower Wasatch intervals were acidized and then fraced in 1988. Additional pay was added to the upper Wasatch in 1990. The well currently makes roughly 23 BOPD, 119 BWPD, and 55 MCFD.

The existing Wasatch intervals will be temporarily isolated with a CIBP. The LGR interval will be perforated and acidized from 11,421 ft to 11,655 ft at 4 SPF. The well will then be swab tested to determine the oil cut and the potential success of hydraulic fracture stimulation. If results are favorable we will proceed with the frac using a 3 ½ frac string and packer assembly. It is anticipated that the interval will be treated at 30-40 bpm using a guar based system and versalite proppant. Maximum surface treating pressure will be 8,500 psi. After flowing back the LGR the CIBP will be drilled out and the LGR will be commingled with the existing Wasatch intervals.

WELL DATA:

API No.	43-013-31190	
Completed:	1987	
TD:	14996	PBTD: 14760
Surface casing:	10 ¾" 40.5 and 45.5# K-55 set at 4600'.	
Intermediate casing:	7 5/8" 29.7 # S95/N-80/L80/P110 set at 12750'.	
Liner:	51/2" 20# S-95 set from 12544-14996'.	
Perforations:	14793-14958, 13824-13940	1987
	13318-13810, 12756-13300	1988
	13036-14634, 11700-12698	1990
Other:	CIBP at 14760'	

WELL HISTORY:

10-12-87	Perforated 14793-14958, 68', 136 holes.
10-15-87	Acidized perforations 14793-14958' with 5000 gals HCL.
10-29-87	Set CIBP at 14760'.
10-30-87	Perforated 13824-13940', 87', 174 holes.
12-07-87	Acidized perforations 13824-13940' with 10000 gals 15% HCL
05-11-88	Acidized perforations 13824-13940' with 10000 gals MRS-1
06-14-88	Frac'd perforations 13824-13940' with 26,000 lbs 20/40 sand, 1135 bbl fresh wtr.
06-28-88	Set CIBP at 13819'.
06-30-88	Perforated 13318-13810', 15 int, 2 spf, 322', 644 holes.
07-14-88	Acidized perforations 13318-13810' with 15000gals 7.5% HCL.
07-25-88	Set CIBP at 13310'
07-27-88	Perforated 12756-13300' 11 intervals, 337', 674 holes.
08-07-88	Drilled out CIBP at 13310'
08-08-88	Drilled out CIBP at 13819'.
01-08-90	Acidized perforations 12756-14634' with 50000 gals 7.5%
01-08-90	Perforated 13036-14634', 27 intervals 129', 258 holes.
01-23-90	Set CIBP at 12730'.
01-24-90	Perforated 11700-12698', 14 intervals, 207', 414 holes.
03-19-90	Drilled out CIBP at 12730'
03-26-90	Installed pumping unit and rod pump.
06-18-94	Lowered SN 2100' to 11,000'.
04-03-97	Ran new Norris 97 rod string
07-21-97	Downsized pump from 1 ¾" to 1 ½", put unit in 139" stroke and speed up to 9.4 SPM.

02-02-98 Raised SN to 10,080', slowed unit to 6 SPM, put back in long hole, 156".
12-09-04 Lowered PSN to 11,093'
7-27-05 Installed Rotaflex pumping unit. Lowered PSN to 11,997'

PROCEDURE:

1. RDMO pumping unit.
2. MIRU workover rig with pump and tank. Test deadmen prior to moving in and rigging up.
3. POOH with rods and pump, 1.9" tubing side string, 2-7/8" production tubing.
4. RU E-Line and TIH to 11,700' and set CIBP in 7-5/8" intermediate casing (6.875" ID), dump 10 'of cement on top. Load casing and test to 4,000 psi or estimated frac treating pressure.
5. Rig up full lubricator and grease for pressure control. Perforate LGR from 11,421' to 11,655' as per perforation sheet. Correlate perfs to Welex Acoustic Cement Bond Log dated 9/15/87. RDMO wireline.
6. TIH with 3 1/2" frac string and 7-5/8" treating packer and set at 11,320'.
7. Acidize LGR perfs with 3,000 gal of 15% HCl, standard additives, and 40 bio-ball sealers for diversion.
8. Swab test interval prior to rigging up frac crew, determine oil cut, rate, and fluid level.
Call OKC to discuss results prior to going ahead with frac.
9. MIRU frac crew. Pressure up backside to 1,000 psi and monitor during job. Install relief valves on treating lines and set for max pressure.
10. Pump job as per design.
11. Shut well in. RDMO frac crew. Flowback well up 3 1/2" work string.
12. Keep workover rig on standby.

13. When pressure begins to deplete. POOH w/ packer and 3 ½" frac string. Drill out CIBP at 11,700', run production equipment, and put well on pump. Set TAC above perms at 11,421', PSN at 11,997'.

STAGE 1 PROPOSED PERFORATIONS FOR LGR FRAC

Perfs picked from Annotated Mud Log (9/3/87), CBL referenced (9/15/87)

No.	Perforated Interval		Feet	SPF	Holes	CBL Depth	Comments
	<u>Top</u>	<u>Bottom</u>					
1	11,654	11,655	1	4	4		*All perforations in 7 5/8" intermediate csg string
2	11,618	11,619	1	4	4		
3	11,594	11,595	1	4	4		
4	11,568	11,569	1	4	4		
5	11,517	11,518	1	4	4		
6	11,499	11,500	1	4	4		*Fair bond from 11,478-11,510
7	11,490	11,491	1	4	4		
8	11,463	11,464	1	4	4		
9	11,444	11,445	1	4	4		
10	11,421	11,422	1	4	4		

Number of Intervals	10
Gross Interval	234
Net Feet of Perforations	10
Number of Holes	40

Well Data**Surface Csg:** 10 3/4" 40.5 # and 45.5# K-55 set at 4600'**Intermediate Csg:** 7 5/8 " 29.7# S95/N-80/L-80/P-110 set at 12750'**Liner:** 5 1/2" 20 # S-95 set from 12544'-14996'

Frac String: 3 1/2 P-110 w/ 7 5/8" treating packer set at 11320'

CIBP set at 11700'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 333 W Sheridan Ave , Oklahoma City, OK, 73102 5015		8. WELL NAME and NUMBER: LAMICQ-URRITY 4-17A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2144 FNL 1820 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 17 Township: 01.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013311900000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/13/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text" value="Recomplete"/>
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Devon Energy Production Co., L.P. (Devon) respectfully requests permission to recomplete the subject well. Please find attached the recompletion plan. Thank you.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: December 16, 2013

By: 

NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/9/2013	

DEVON ENERGY PRODUCTION COMPANY
LOWER GREEN RIVER RECOMPLETION PROCEDURE
LAMICQ UURUTY 4-17A2
SENW SECTION 17, T1S, R2W
BLUEBELL/ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

OBJECTIVE:

Clean out Cement Retainer @ 11610', stuck RBP @ 11615' and CIBP @ 11685.
Perforate and acidize remaining LGR and commingle all perforations.

JUSTIFICATION:

The Lamicq Urruty 4-17A2 was originally completed in the Wasatch in 1987. The lower Wasatch intervals were acidized and then fraced in 1988. Additional pay was added to the upper Wasatch in 1990. A portion of the LGR from 11,421' to 11,655' was perforated and acidized in Oct 2012. During the Oct 2012 recompletion a RBP became stuck at 11615' and left in place to produce the newly perforated interval. The well has declined to 5-6 BOPD and 300 BWPD.

The current high water production will be isolated and squeezed if possible. The stuck RBP will be burned over and recovered or pushed to bottom. The remaining LGR will be perforated and acidized and the well commingled.

WELL DATA:

API No.	43-013-31190		
Completed:	1987		
TD:	14996	PBTD:	14760
Surface casing:	10 3/4" 40.5 and 45.5# K-55 set at 4600'.		
Intermediate casing:	7 5/8" 29.7 # S95/N-80/L80/P110 set at 12750'.		
Liner:	51/2" 20# S-95 set from 12544-14996'.		
Perforations:	14793-14958, 13824-13940	1987	
	13318-13810, 12756-13300	1988	
	13036-14634, 11700-12698	1990	
	11421-11655		
Other:	CIBP at 14760'		

WELL HISTORY:

10-12-87	Perforated 14793-14958, 68', 136 holes.
10-15-87	Acidized perforations 14793-14958' with 5000 gals HCL.
10-29-87	Set CIBP at 14760'.
10-30-87	Perforated 13824-13940', 87', 174 holes.
12-07-87	Acidized perforations 13824-13940' with 10000 gals 15% HCL
05-11-88	Acidized perforations 13824-13940' with 10000 gals MRS-1
06-14-88	Frac'd perforations 13824-13940' with 26,000 lbs 20/40 sand, 1135 bbl fresh wtr.
06-28-88	Set CIBP at 13819'.
06-30-88	Perforated 13318-13810', 15 int, 2 spf, 322', 644 holes.
07-14-88	Acidized perforations 13318-13810' with 15000gals 7.5% HCL.
07-25-88	Set CIBP at 13310'
07-27-88	Perforated 12756-13300' 11 intervals, 337', 674 holes.
08-07-88	Drilled out CIBP at 13310'
08-08-88	Drilled out CIBP at 13819'.
01-08-90	Acidized perforations 12756-14634' with 50000 gals 7.5%
01-08-90	Perforated 13036-14634', 27 intervals 129', 258 holes.
01-23-90	Set CIBP at 12730'.
01-24-90	Perforated 11700-12698', 14 intervals, 207', 414 holes.
03-19-90	Drilled out CIBP at 12730'
03-26-90	Installed pumping unit and rod pump.
06-18-94	Lowered SN 2100' to 11,000'.
04-03-97	Ran new Norris 97 rod string
07-21-97	Downsized pump from 1 ¾" to 1 ½", put unit in 139" stroke and speed up to 9.4 SPM.
02-02-98	Raised SN to 10,080', slowed unit to 6 SPM, put back in long hole, 156".
12-09-04	Lowered PSN to 11,093'

7-27-05 Installed Rotaflex pumping unit. Lowered PSN to 11,997'

PROCEDURE:

1. RDMO pumping unit.
2. MIRU workover rig with pump and tank. Test deadmen prior to moving in and rigging up.
3. POOH with rods and pump, 1.9" tubing side string, 2-7/8" production tubing.
4. PU plug and packer and isolate water production.
5. If water production can be isolated squeeze off the interval.
6. Drill out cement and swab test well.
7. PU bit and drill out Cement retainer at 11610'
8. PU burning shoe and burn over RBP at 11615' and recover.
9. PU bit and drill out CIBP at 11685' and clean out to PBTD.
10. RU E-Line and TIH to 11,700' and set CIBP in 7-5/8" intermediate casing (6.875" ID), dump 10' of cement on top. Load casing and test to 4,000 psi or frac treating pressure.
11. Rig up full lubricator and grease for pressure control. Perforate LGR from 11,421' to 11,655' as per perforation sheet. Correlate perms to Welex Acoustic Cement Bond Log dated 9/15/87. RDMO wireline.
12. Acidize LGR perms with 3,000 gal of 15% HCl, standard additives, and 40 bio-ball sealers for diversion.
13. Swab test interval prior to rigging up frac crew, determine oil cut, rate, and fluid level.
Call OKC to discuss results prior to going ahead with frac.

STAGE 1 PROPOSED PERFORATIONS FOR LGR FRAC

Perfs picked from Annotated Mud Log (9/3/87), CBL referenced (9/15/87)

No.	Perforated Interval		Feet	SPF	Holes	CBL Depth	Comments
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3	11,594	11,595	1	4	4		
4	11,568	11,569	1	4	4		*Top of Wasatch at 11,541' *Fair bond from 11,478-11,510
5	11,517	11,518	1	4	4		
6	11,499	11,500	1	4	4		
7	11,490	11,491	1	4	4		
8	11,463	11,464	1	4	4		
9	11,444	11,445	1	4	4		
10	11,421	11,422	1	4	4		

Number of Intervals	10
Gross Interval	234
Net Feet of Perforations	9
Number of Holes	40

Well Data**Surface Csg:** 10 3/4" 40.5 # and 45.5# K-55 set at 4600'**Intermediate Csg:** 7 5/8 " 29.7# S95/N-80/L-80/P-110 set at 12750'**Liner:** 5 1/2" 20 # S-95 set from 12544'-14996'

Frac String: 3 1/2 P-110 w/ 7 5/8" treating packer set at 11320'

CIBP w/ set at 11700'

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

8/29/2014

FROM: (Old Operator):

DEVON ENERGY PRODUCTION COMPANY L.P. N1275
 333 WEST SHERIDAN AVENUE
 OKLAHOMA CITY OK 73102-5015

TO: (New Operator):

LINN OPERATING INC N4115
 1999 BROADWAY STE 3700
 DENVER CO 80202

303-999-4275

CA No.				Unit:	N/A			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/16/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/16/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/8/2014
- a. Is the new operator registered in the State of Utah: Business Number: 9031632-0143
- a. (R649-9-2) Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 10/8/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM NOT YET BIA NOT YET
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/24/2014

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/8/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/8/2014
- Bond information entered in RBDMS on: 10/8/2014
- Fee/State wells attached to bond in RBDMS on: 10/8/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 10/8/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 9/16/2014

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: NMB000501
- Indian well(s) covered by Bond Number: NMB000501
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/8/2014

COMMENTS:

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	A
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	A
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	A
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	OW	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	OW	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	OW	P
L BOREN U 3-15A2	15	010S	020W	4301330086	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	OW	P
L BOREN U 5-22A2	22	010S	020W	4301330107	5900	Fee	OW	P
L BOREN U 4-23A2	23	010S	020W	4301330115	5905	Fee	OW	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330120	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330130	5665	Fee	OW	P
LAMICQ 1-20A2	20	010S	020W	4301330133	5400	Fee	GW	P
L RBRTSN ST 1-1B2	1	020S	020W	4301330200	5410	State	OW	P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903	5361	Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	OW	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	OW	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	OW	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	OW	P
MCELPRANG 2-30A1	30	010S	010W	4301331326	11252	Fee	OW	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	OW	P
LORANGER 6-22A2	22	010S	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	OW	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	OW	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	OW	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	OW	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W	4301330006	5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	OW	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	OW	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	OW	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attached Well List</u>
2. NAME OF OPERATOR: <u>LINN OPERATING, INC</u> <u>N4115</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>1999 Broadway, Suite 3700</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u></u>		8. WELL NAME and NUMBER: <u>See Attached Well List</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u></u>		9. API NUMBER:
COUNTY: <u>Duchsene/Uintah</u>		10. FIELD AND POOL, OR WILDCAT: <u>Bluebell/Altamont</u>
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of wells that are associated with this Change of Operator.

Devon Energy Production Company, LP N1275
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015


John D. Rains
Vice President

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Russell des Cognets II</u>	TITLE <u>Asset Manager</u>
SIGNATURE <u>Russell des Cognets</u>	DATE <u>9/8/14</u>

(This space for State use only)

APPROVED

OCT 08 2014

DIV. OIL GAS & MINING

BY: Rachael Medina

(See Instructions on Reverse Side)

Devon Energy Production Company, LP
Existing Well List for State/Fee/Indian Leases

Well Name	API #	Legal Location	Producing Status	Well Type	Lease Type	Field	State	County
BAR F 2-5B1	430133128600	005-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BINGHAM 3-4B1	430135146400	004-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BLANCHARD 3-10A2	430133222300	010-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
*BOREN 1-14A2	430133003500	014-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-11A2	430133119200	011-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-15A2	430133008600	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-23A2	430133011500	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-9A2	430133220300	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 5-22A2	430133010700	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 6-16A2	430133012300	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOWMAN 5-5A2	430133220200	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN DOUG 2-4A2	430133001700	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN VICTOR C 1-4A2	430133001100	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN 3-4A2	430133268400	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CAMPBELL UTE ST 1-7B1	430133023600	007-002S-001W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
CHAPMAN 2-4B2	430133137800	004-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CLYDE MURRAY 1-2A2	430133000500	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COLTHARP 1-15B1	430133035900	015-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CORNABY 2-14A2 (RECOMP)	430133129900	014-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COX 2-36A2	430133133500	036-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DILLMAN 2-28A2	430133082100	028-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DUNCAN 4-2A2	430133127600	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
EDWARDS 3-10B1	430133133200	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON STATE 1-8B1	430133029400	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-7B1	430133134100	007-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-8B1	430133120300	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 1-14B2	430133056400	014-002S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 3-11B2	430133430400	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 2-26A2	430133090300	026-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 3-9A2	430133127800	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HATCH 2-3B1	430133114700	003-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
JOHN 2-3B2	430133097500	003-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LABRUM 2-23A2	430133139300	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMB 2 16A2	430133139000	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ ROBERTSON 1-1B2	430133020000	001-002S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE

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LAMICQ ROBERTSON 2-1B2	430133099500	001-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 3-17A2	430133009900	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-17A2	430133119000	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-5A2	430133034700	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 1-20A2	430133013300	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-20A2	430133119100	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-6B1	430133080900	006-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 2-24A2	430133132200	024-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 6-22A2	430133133400	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MARK 2 25A2	430133123200	025-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MCCELPRANG 2-30A1	430133132600	030-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECCA 2-8A2	430133123100	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM VIRGIL B 1-11A2 SWD	430133000900	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM 3-1B2	430135184400	1-2S-2W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY 3-4B2	430135184500	4-2S-2W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MITCHELL 2-4B1	430133131700	004-002S-001W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MURRAY GEORGE 1-16B1	430133029700	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
NORLING 2-9B1	430133115100	009-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
OWL AND THE HAWK 3-9C5	430135121400	9-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
PEARSON 2-11B2	430133135600	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
POWELL 2 16B1	430133182000	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
RED MOUNTAIN 3-5B1	430135163200	05-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHAW 2-27A2	430133118400	027-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHERMAN 2-12B2	430133123800	012-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH ALBERT 1-8C5	430133024500	008-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-18C5	430133132800	018-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-6C5	430133133800	006-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-7C5	430133132700	007-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-9C5	430133132100	009-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SQUIRES 3-8A2	430133222700	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 1-10A2	430133000600	010-001S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 3-18A1	430133036900	018-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SUNDANCE 4 15A2 (BOREN)	430133133300	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD ANDERSON 2-28A2	430133034600	028-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD HAMBLIN 2-26A2	430133038900	026-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD SALERATUS 2-17C5	430133038800	017-003S-005W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 1-3A2	430133002100	003-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 4-11A2	430132025500	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

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SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attached Well List</u>
2. NAME OF OPERATOR: LINN OPERATING, INC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: Duchsene		8. WELL NAME and NUMBER: <u>See Attached Well List</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: Bluebell/Altamont

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of Applications for Permit to Drill (APD) that are associated with this Change of Operator.

Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015


John D. Raines
Vice President

NAME (PLEASE PRINT) <u>Russell des Cognets II</u>	TITLE <u>Asset Manager</u>
SIGNATURE 	DATE <u>9/16/14</u>

(This space for State use only)

APPROVED

OCT 08 2014

(5/2000)

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

BY: Rachael Medina

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Misc.

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

Bluebell

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
LINN OPERATING, INC.

3. ADDRESS OF OPERATOR:
1999 Broadway, Ste #3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 999-4016

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Excluded wells from</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change of Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.

43-013-31192	BOREN 3-11A2	Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11
43-013-51846	MIKE AND SHELLEY #4-14A2	Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec14
43-013-31299	CORNABY 2-14A2	Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14
43-013-30035	FLY/DIA L BOREN 1-14A2	Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14

The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 and 14 of T1S, 2W so EP Energy now owns these wells.

NAME (PLEASE PRINT) Debbie Chan

TITLE Reg. Compliance Supervisor

SIGNATURE [Signature]

DATE 9/23/2014

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Div. of Oil, Gas & Mining